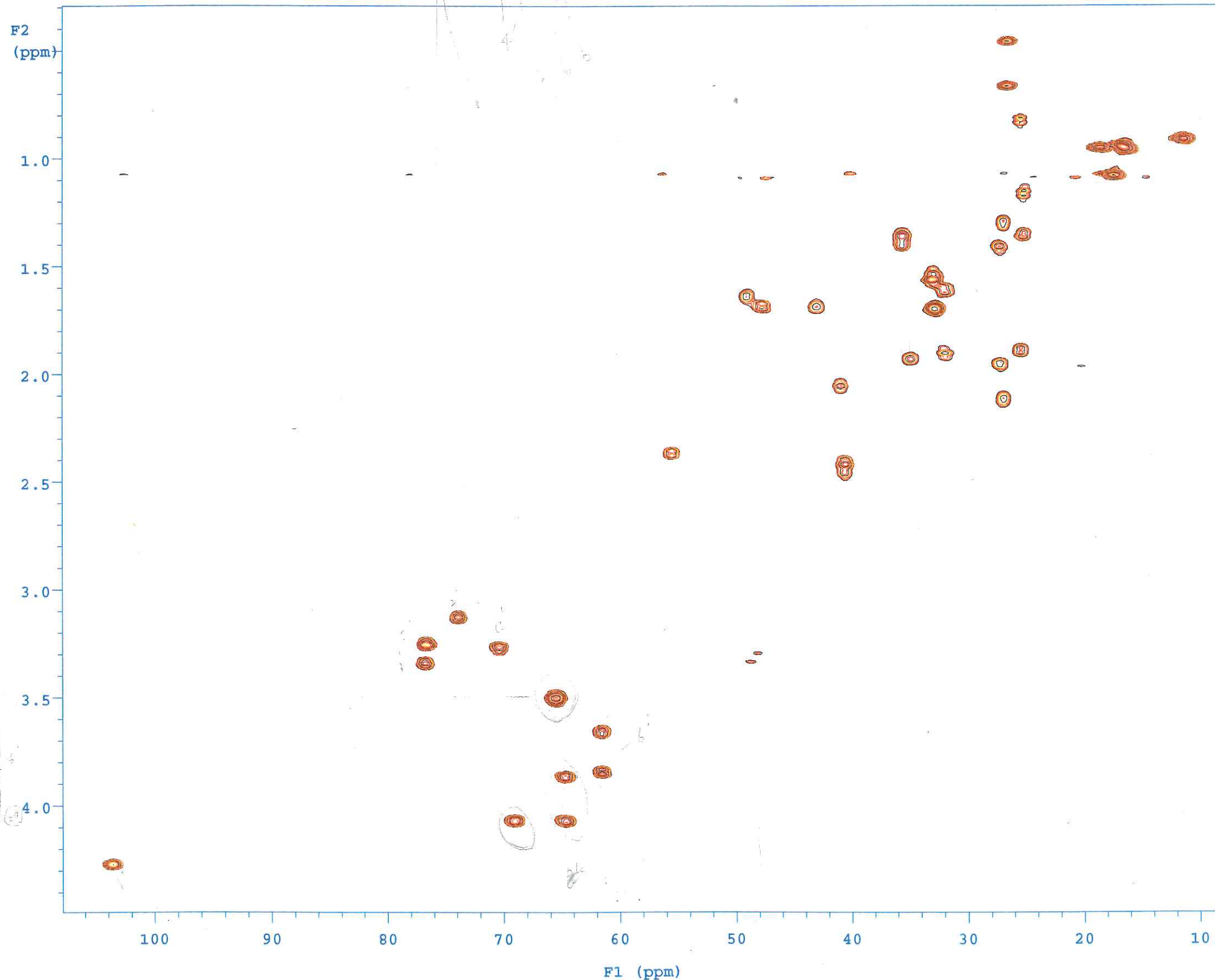


Compound 1

8-11(10-11)-3

exp5 hmqc

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Jan 8 2010	dfrq	150.872	array	phase
solvent	CD3OD	dm	CL3	arraydim	256
file	/export/home/~dpwr		45		
nmr1/vnmrsys/data~	dof	-677.4		i	phase
/shous/81110113 hm~	dm	nny	1	1	
	qc.fid	dmm	ccp	2	2
ACQUISITION					
sfrq	599.960	dseq	mpf7		
tn	H1	dres	1.0		
at	0.122	pwk	19.0		
np	1000	pwkvlv1	57		
sw	4113.5	homo	n		
fb	not used	temp	25.0		
bs	4	PROCESSING			
ss	8	gf	0.056		
tpwr	60	gfs	not used		
pw	10.5	wtfile			
dl	0.900	proc			
tof	-1316.4	fn	2048		
nt	4	math			
ct	4				
alock	n	werr			
gain	4	wexp			
null	0.300	wbs			
j	150.0	wnt			
mbond	n	2D PROCESSING			
taumb	0	gfl	0.004		
satflg	nn	gfs1	not used		
satpwr	0	wtfile1			
satdly	0	procl	1p		
satfrq	0	fn1	2048		
FLAGS					
il	Y				
in	n				
dp	Y				
hs	YY				
2D ACQUISITION					
sw1	31680.5				
ni	128				
phase	arrayed				
DISPLAY					
sp	176.6				
wp	2517.2				
vs	1000				
sc	10				
wc	270				
hzmm	9.33				
is	33.57				
rfl	2354.1				
rfp	1979.9				
th	3				
ins	100.000				
nm	ph				
2D DISPLAY					
sp1	1194.5				
wp1	15081.5				
sc2	0				
wc2	210				
rfl1	3017.2				
rflp1	0				

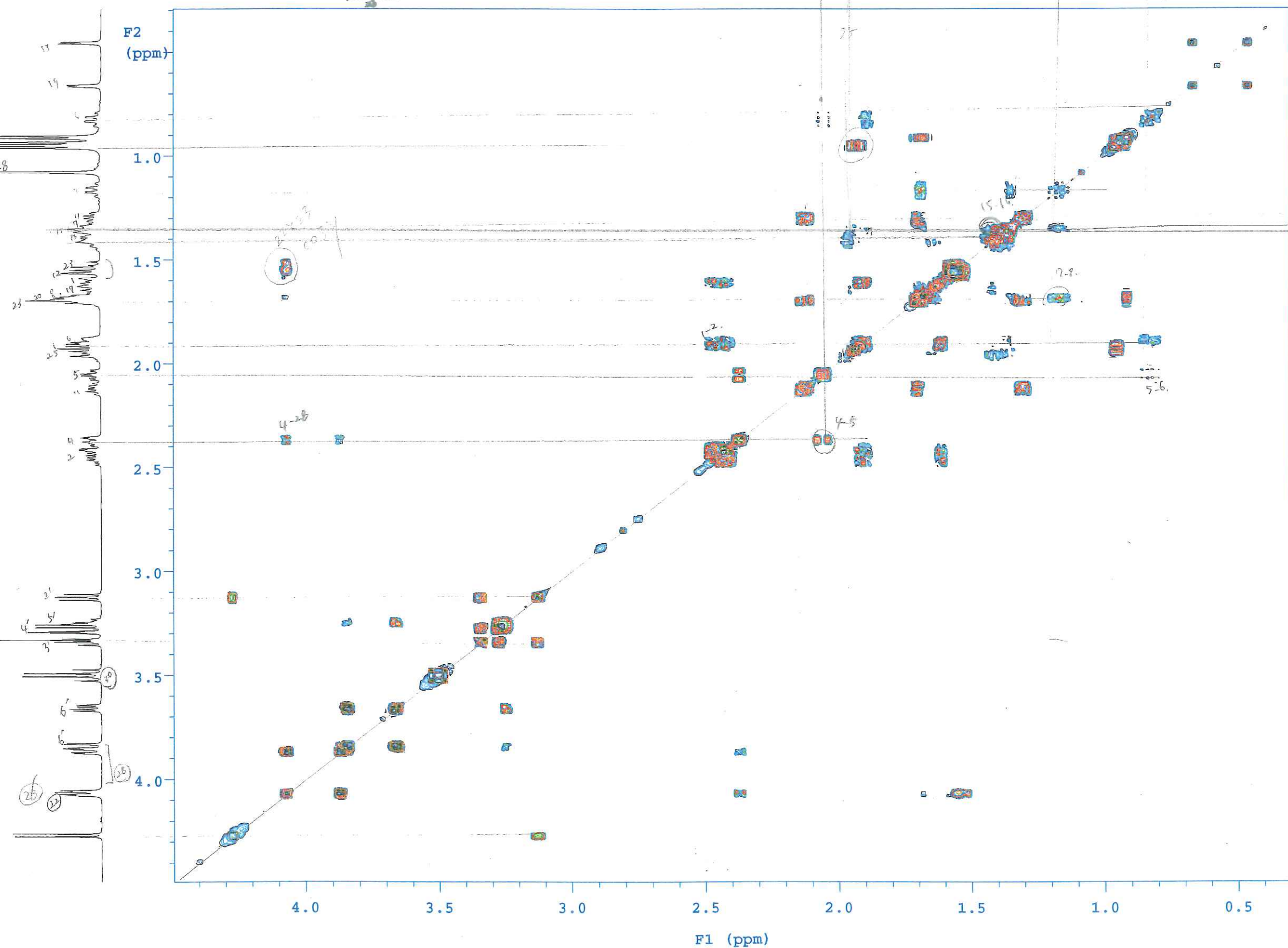


Compound 1

8-11(10-11)-3

exp3 gmqcosy

```
SAMPLE      DSC. & VT
date Jan 8 2010 dfrq 599.961
solvent CD3OD dn H1
file /export/home/~ dpwr 30
vnmr1/vnmrsys/data~ dof 0
/shou8/81110113 gm~ dm nnn
qcasy.fid dmm c
ACQUISITION homo n
sfrq 599.960 temp 25.0
tn H1 GRADIENTS
at 0.249 qlvl 2
np 2048 gzlvl1 10000
sw 4113.5 gt1 0.002500
fb not used grise 0.000010
bs 4 gstab 0
ss 2 taud2 0
tpwr 60 taul 0
pw 10.5 PRESATURATION
dl 1.500 satpwr 20
d2 0 satdly 0
tof -1318.4 PROCESSING
nt 1 sb 0.124
ct 1 sbs not used
gain 60 proc ft
FLAGS fn 2048
dp Y
hs nn werr
2D ACQUISITION wexp
sw1 4115.2 wbs
ni 256 wnt wit
phase 1 2D PROCESSING
DISPLAY sb1 0.031
sp 176.6 sbel not used
wp 2517.2 procl ft
ve 2000 fnl 2048
sc 10
wc 270
rfl 2354.1
rfp 1979.9
th 7
ins 100.000
nm av
2D DISPLAY
apl 176.8
wpl 2518.2
sc2 0
wc2 210
rfl1 2354.1
rfpl 1979.9
```

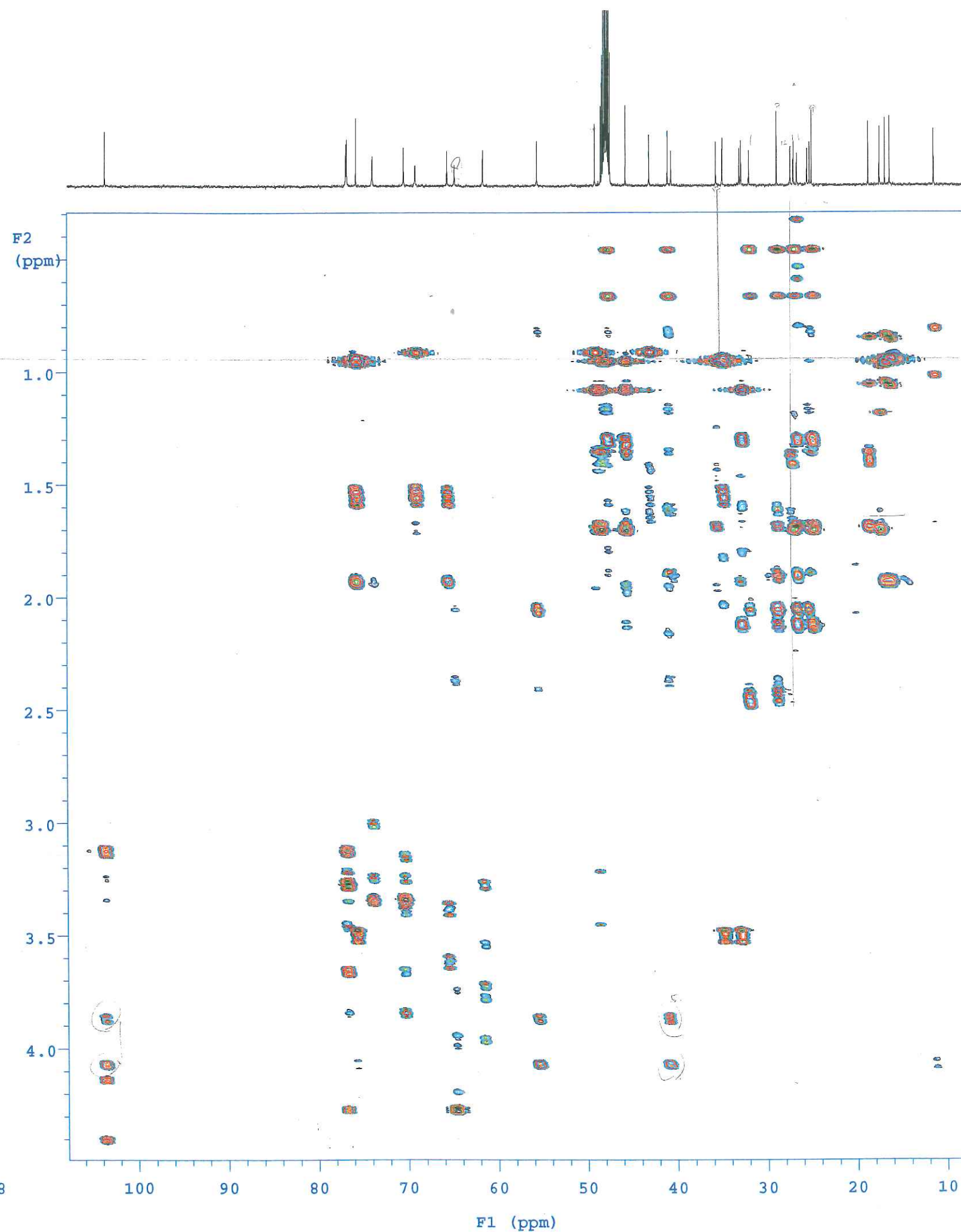
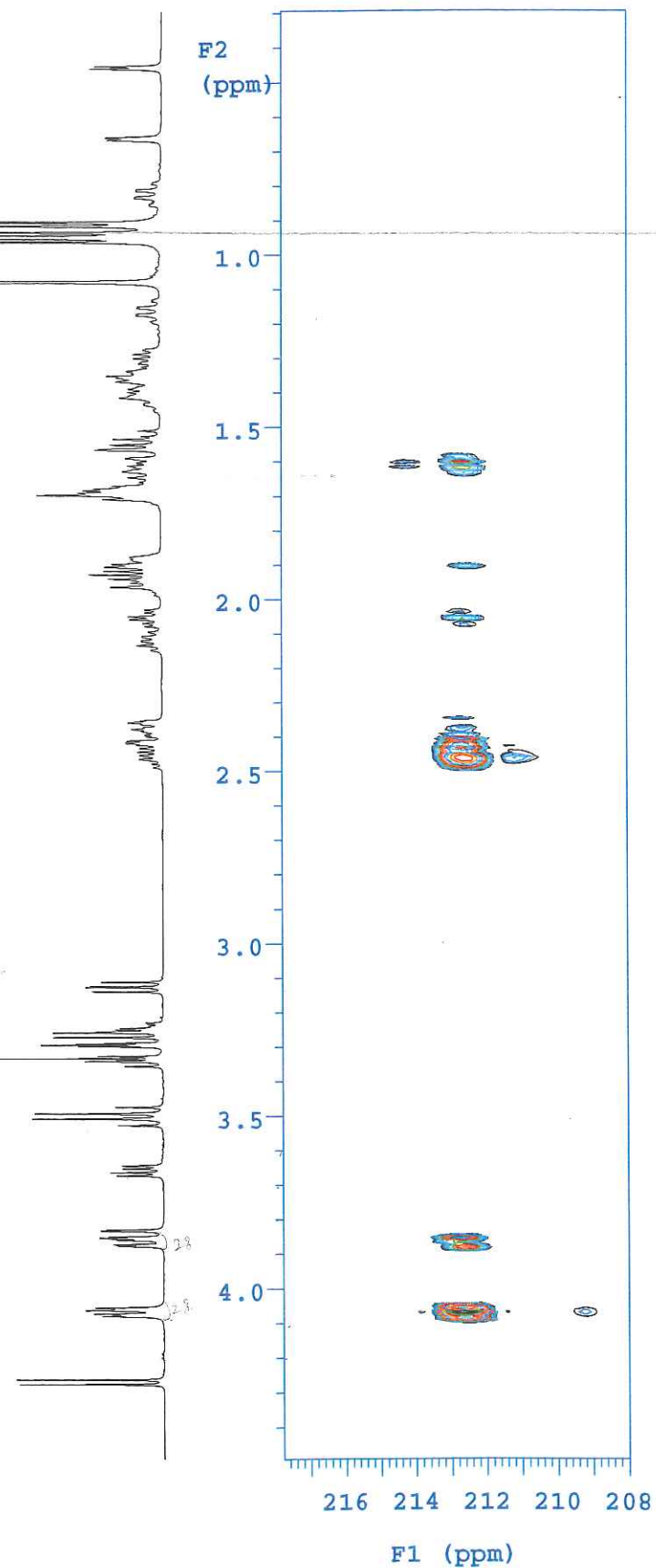


Compound 1

8-11(10-11)-3

exp6 gHMBC

SAMPLE		FLAGS	
date	Jan 8 2010	hs	n
solvent	CD3OD	sapul	n
sample	undefined	PFGflg	y
ACQUISITION		haglvl	10256
sw	4113.5	SPECIAL	
at	0.249	temp	25.0
np	2048	gain	60
fb	not used	spin	0
ss	32	GRADIENTS	
dl	1.000	gzlvl1	10256
nt	512	gt1	0.001000
2D ACQUISITION		gzlvl3	5128
sw1	37718.1	gt3	0.001000
ni	400	gatab	0.000500
phase	0	F2 PROCESSING	
TRANSMITTER		sb	0.124
tn	H1	sbs	not used
sfrq	599.960	fn	2048
tof	-1318.4	F1 PROCESSING	
tpwr	60	sbl	0.005
pw	10.500	sbs1	not used
DECOUPLER		fn1	2048
dn	C13	DISPLAY	
dof	2339.8	sp	176.6
dm	nnn	wp	2517.2
dmm	ccc	sp1	1184.4
dmi	14815	wp1	15079.8
dpwr	46	rfl	2354.1
pwxlvl	57	rfp	1979.9
pwz	19.000	rfl1	3018.8
HMBC		rflp1	0
j1xh	140.0	PLOT	
jnxh	8.0	wc	200.0
		sc	10.0
		wc2	210.0
		sc2	0
		ve	1000
		th	7
		nm	av

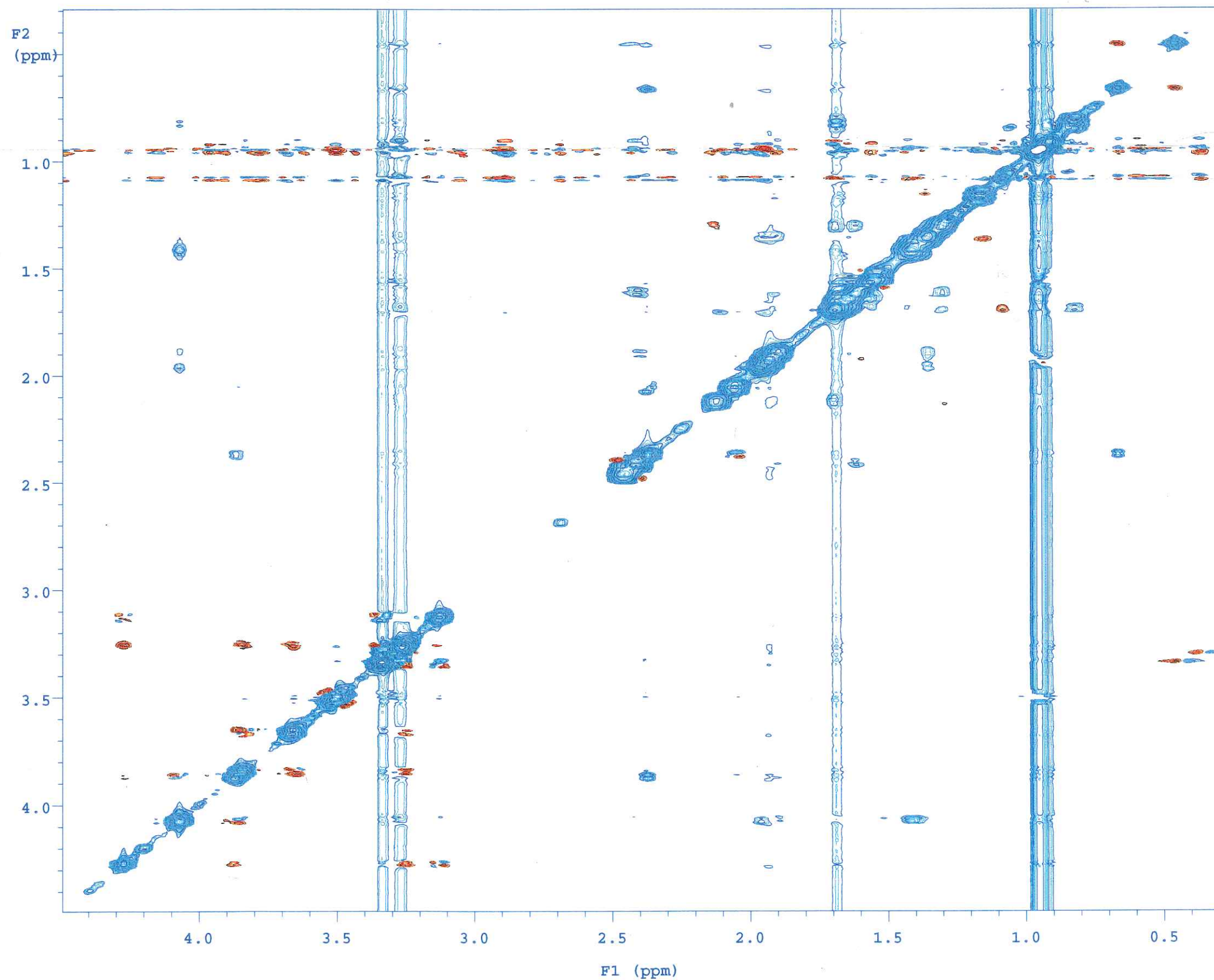


Compound 1

8-11(10-11)-3

exp4 noesy

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Jan 8 2010	dfrq	599.961	array	phase
solvent	CD3OD	dn	H1	arraydim	256
file	/export/home/~dpwr		30		
nmr1/vnmrsys/data~	dof		0	i	phase
/shous/81110113_no~	dm		n	1	1
	esy.fid	dmm	c	2	2
ACQUISITION		dmf	200		
sfrq	599.960	dseq			
tn	H1	dres	1.0		
at	0.249	homo	n		
np	2048	temp	25.0		
sw	4113.5	PROCESSING			
fb	not used	gf	0.115		
bs	4	gfs	not used		
ss	8	wtfile			
tpwr	60	proc	ft		
pw	10.5	fn	2048		
dl	1.500	math			
presat	0				
mix	0.800	werr			
tof	-1318.4	wexp			
nt	16	wbs			
ct	12	wnt	wft		
alock	n	2D PROCESSING			
gain	4	gfl	0.029		
FLAGS		gfs1	not used		
il	y	wtfile1			
in	n	procl	lp		
dp	y	fn1	2048		
hs	yn				
espul	n				
2D ACQUISITION					
sw1	4115.2				
ni	128				
phase	arrayed				
DISPLAY					
sp	176.6				
wp	2517.2				
va	5155				
sc	10				
wc	270				
hzmm	9.33				
is	33.57				
rfl	2354.1				
rfp	1979.9				
th	1				
ins	100.000				
a1	ph				
2D DISPLAY					
sp1	176.6				
wp1	2518.2				
sc2	0				
wc2	210				
rfl1	2354.1				
rfl1	1979.9				

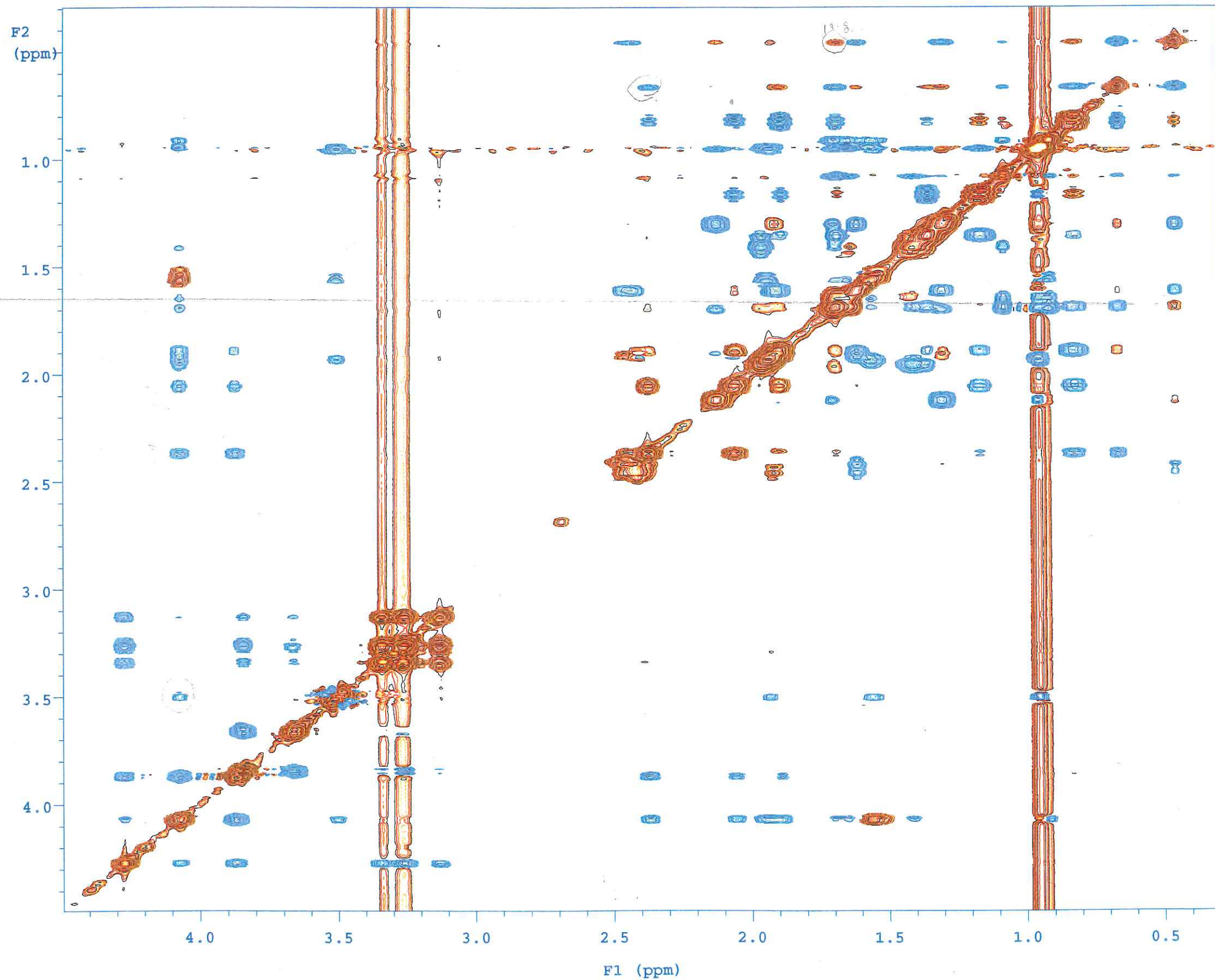


Compound 1

8-11(10-11)-3

exp8 roesy

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Jan 8 2010	dfrq	599.961	array	phase
solvent	CD3OD	dm	H1	arraydim	256
file	/export/home/-	dpwr	30		
vnmr1/vnmr2s/data-	dof	0		i	phase
/shou8/81110113 ro-	dm	nnn	1	1	
esy.fid	dmm	c	2	2	
ACQUISITION					
sfrq	599.960	dseq	200		
tn	H1	dres	1.0		
at	0.249	homo	n		
np	2048	temp	25.0		
sw	4113.5	PROCESSING			
fb	not used	gf	0.115		
bs	4	gfs	not used		
ss	8	wtfile			
tpwr	60	proc	ft		
pw	3.5	fn	2048		
pl	10.5	math			
dl	1.500				
presat	0	werr			
tof	-1318.4	wexp			
ratio	5.7	wbs			
mix	0.600	wnt	wft		
nt	8	2D PROCESSING			
ct	8	gfl	0.029		
alock	n	gfs1	not used		
gain	4	wtfile1			
FLAGS					
il	y	procl	lp		
in	n	fn1	2048		
dp	y				
hs	yn				
sspul	y				
recomp	n				
2D ACQUISITION					
sw1	4115.2				
ni	128				
phase	arrayed				
DISPLAY					
sp	176.6				
wp	2517.2				
vs	5985				
sc	10				
wc	270				
hzmm	9.33				
is	33.57				
rfl	2354.1				
rfg	1979.9				
th	2				
ins	100.000				
nm	ph				
2D DISPLAY					
sp1	176.8				
wp1	2518.2				
sc2	0				
wc2	210				
rfl1	2354.1				
rfg1	1979.9				

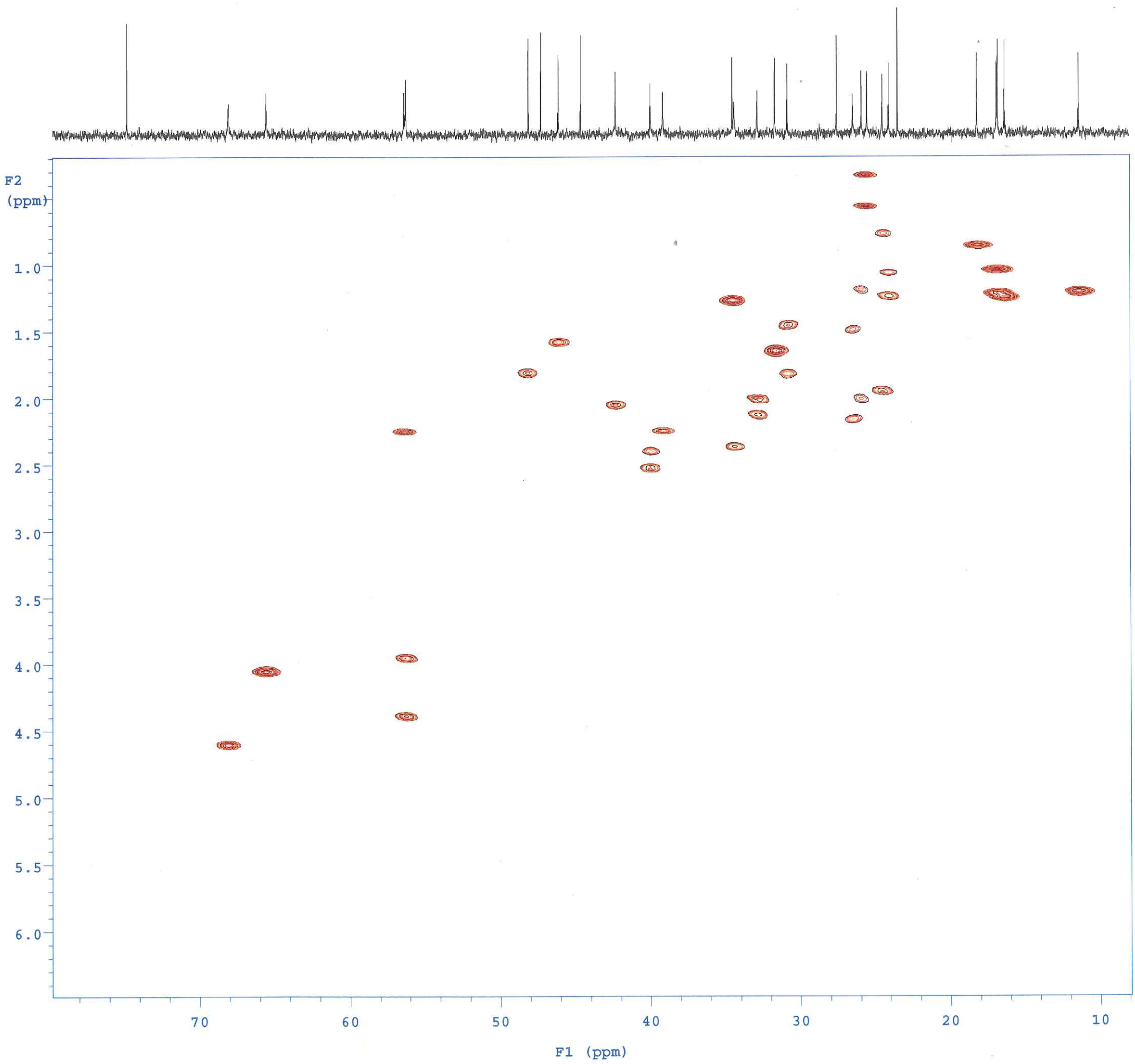


Compound 1a

Tani-48-54 (33-40)

exp5 hmqc

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Apr 27 2010	dfrq	150.872	array	phase
solvent	pyridine	dn	C13	arraydim	256
file	/export/home/-	dpwr	45		
nmr1/vnmr1/data-	dof	-677.4	i	phase	
/shou11/tani485433-	dm	nny	1	1	
40_hmqc.fid	dmm	ccp	2	2	
ACQUISITION					
sfrq	599.957	dseq	mpf7		
tn	H1	dres	1.0		
at	0.080	pwk	19.0		
np	1000	pwkvl	57		
sw	6250.0	homo	n		
fb	not used	temp	25.0		
bs	4	PROCESSING			
ss	8	gf	0.037		
tpwr	60	gfs	not used		
pw	10.5	wtfile			
dl	0.900	proc	2048		
tof	-999.1	fn	2048		
nt	16	math	E		
ct	16				
alock	n	werr			
gain	42	wexp			
null	0.300	wbs			
j	150.0	wnt			
mbond	n	2D PROCESSING			
taumb	0	gfl	0.004		
satflg	nn	gfs1	not used		
satpwr	0	wtfile1			
satdly	0	procl	lp		
satfrq	0	fn1	2048		
FLAGS					
il	Y				
in	n				
dp	Y				
hs	YY				
2D ACQUISITION					
sw1	31680.4				
ni	128				
phase	arrayed				
DISPLAY					
sp	115.3				
wp	3775.7				
vs	1651				
sc	10				
wc	270				
hzmm	14.00				
is	33.57				
rfl	5629.5				
r1p	5231.6				
th	4				
ins	100.000				
nm	ph				
2D DISPLAY					
sp1	1194.5				
wp1	10838.8				
sc2	0				
wc2	210				
rfl1	3017.2				
r1p1	0				

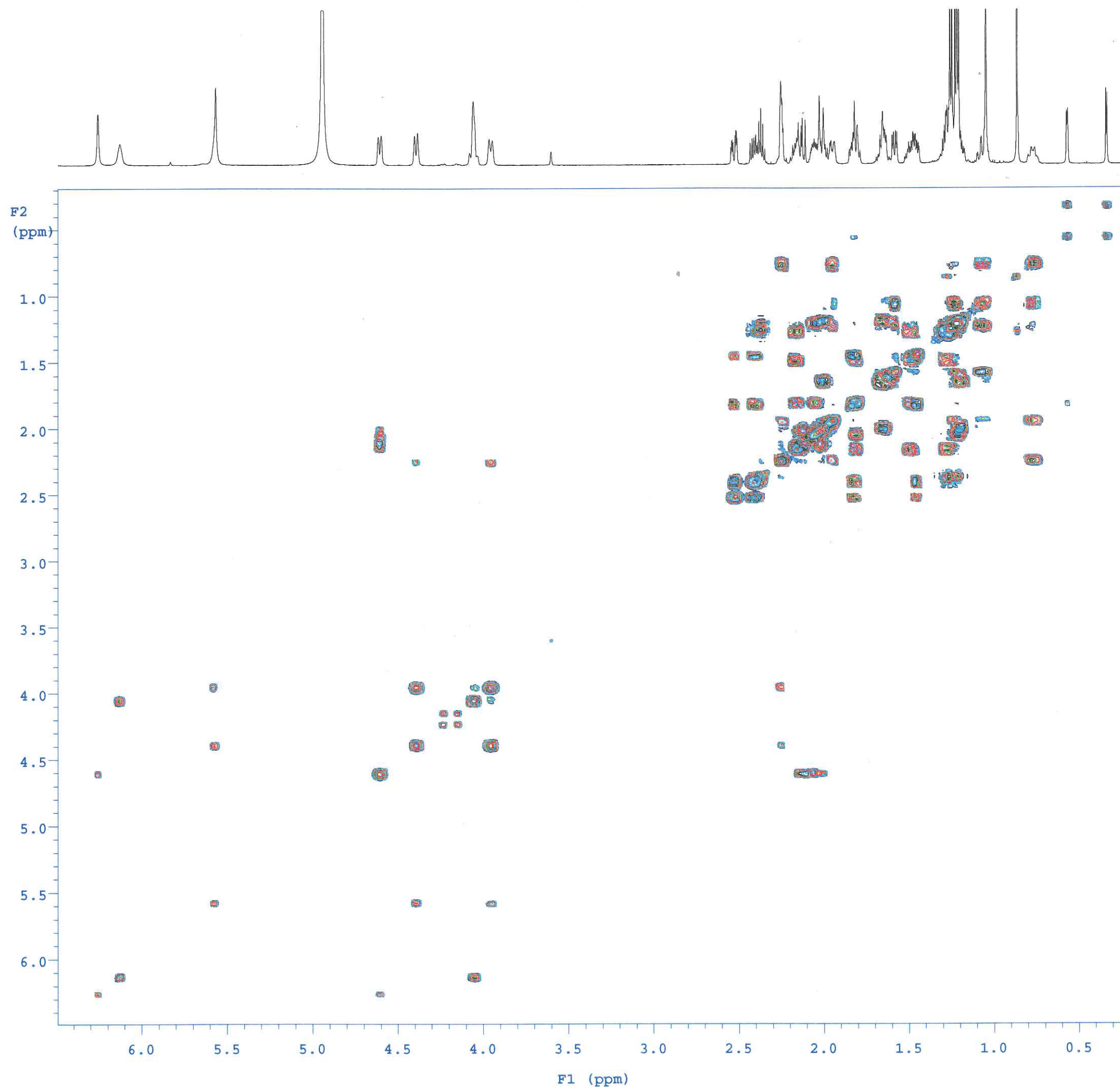


Compound 1a

Tani-48-54(33-40)

exp3 gmqcoasy

```
SAMPLES          DEC. & VT
date  Apr 27 2010  dfrq      599.958
solvent pyridine  dn         H1
file  /export/home/~ dpwr      30
vnmr1/vnmr1/data~ dof        0
/shouli/tani485433~ dm        nnn
40_gmqcoasy.fid  dmm         c
ACQUISITION      homo        n
sfrq      599.957  temp      25.0
tn         H1      GRADIENTS
at         0.164  qlvl       2
np         2050  gzlvl1     10000
sw         6250.0  gtl       0.002500
fb         not used  grise   0.000010
bs         4      gstab     0
ss         2      taud2     0
tpwr       60     taul      0
pw         10.5  PRESATURATION
d1         1.500  satpwr     0
d2         0      satdly     0
tof        -999.1  PROCESSING
nt         4      sb        0.082
ct         4      sbs       not used
gain       60     proc      ft
          FLAGS    fn       2048
dp         y
hs         nn      werr
2D ACQUISITION  wexp
awl        6245.1  wbs
ni         256     wnt       wft
phase      1      2D PROCESSING
          DISPLAY  sb1      0.020
sp         115.3  sbal      not used
wp         3775.7  procl     ft
vs         5155   fnl       2048
sc         10
wc         270
rf1        5629.5
rfp        5231.6
th         6
ins        100.000
ai         av
2D DISPLAY
sp1        114.9
wp1        3778.8
sc2        0
wc2        210
rf11       5629.5
rfp1       5231.6
```

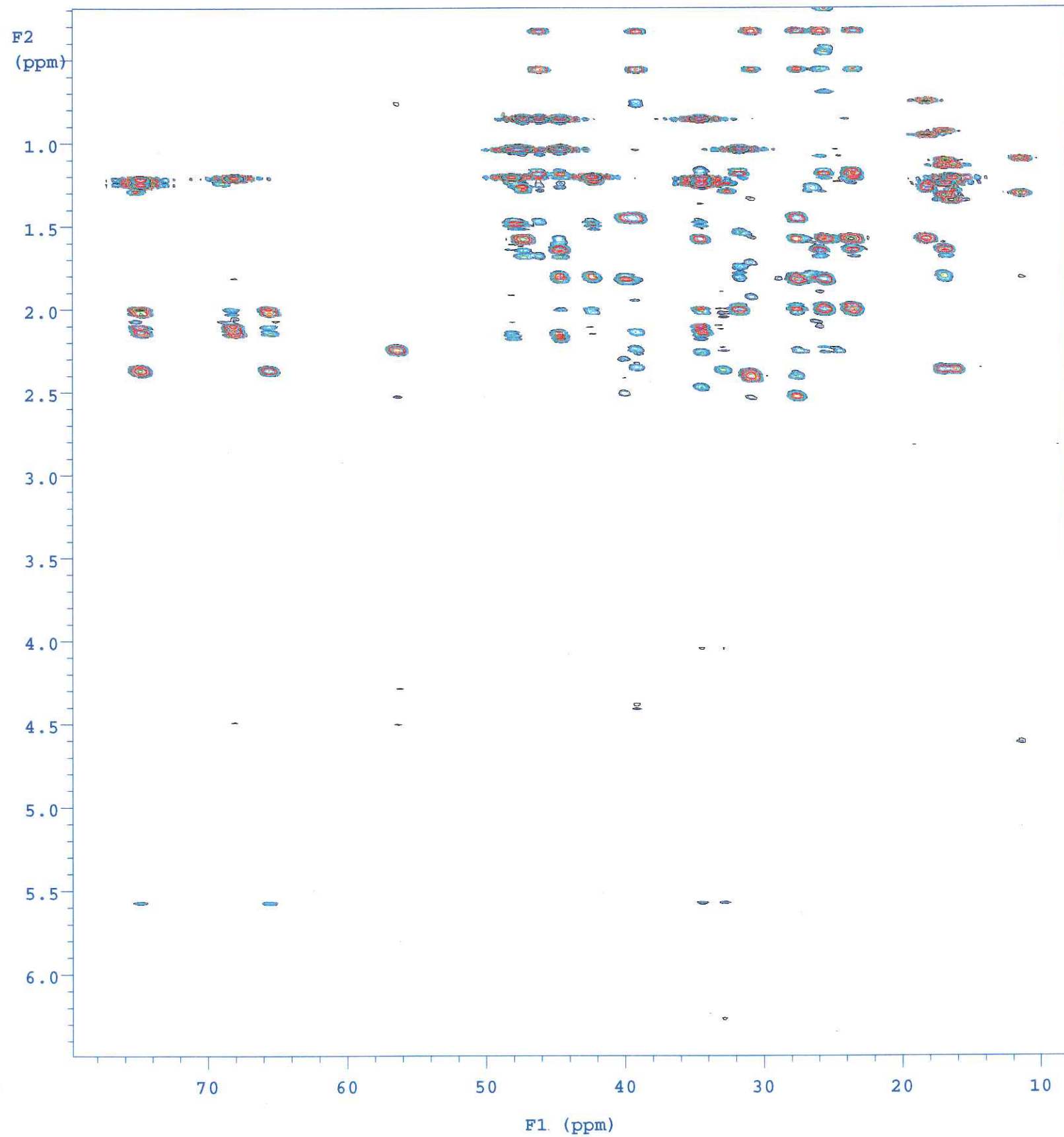
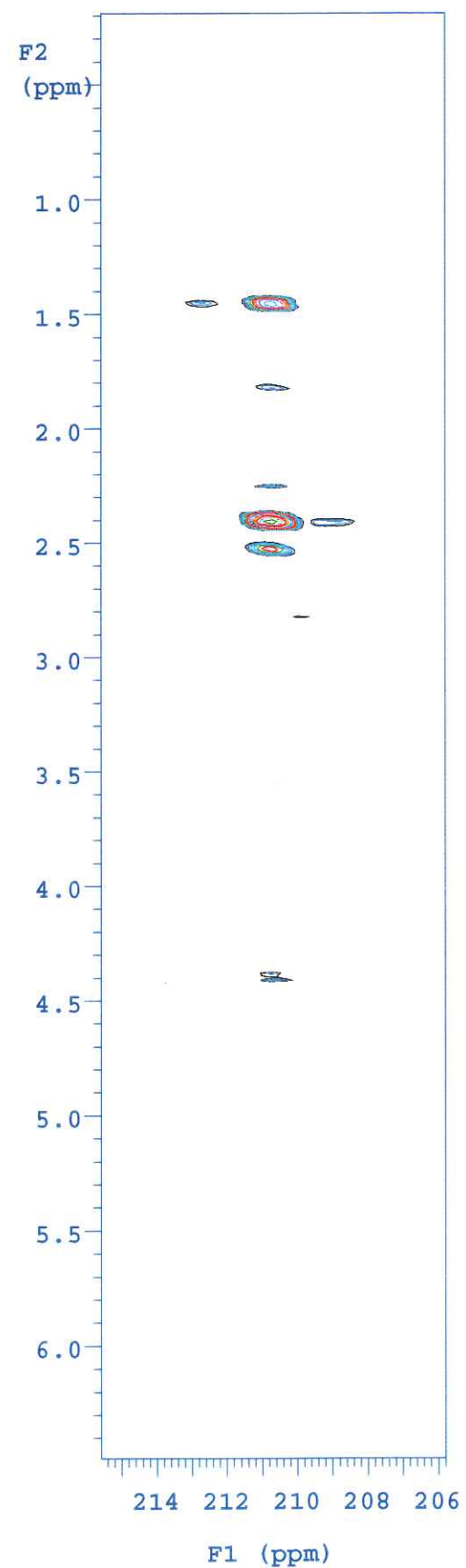


Compound 1a

Tani-48-54(33-40)

exp6 gHMBC

SAMPLE		FLAGS	
date	Apr 27 2010	hs	n
solvent	pyridine	sspul	n
sample	undefined	PFGflg	y
ACQUISITION		haglvl	10256
sw	6250.0	SPECIAL	
at	0.164	temp	25.0
np	2048	gain	60
fb	not used	spin	0
ss	32	GRADIENTS	
d1	1.000	gzlv11	10256
nt	512	gt1	0.001000
2D ACQUISITION		gzlv13	5128
sw1	37718.1	gt3	0.001000
ni	400	gstab	0.000500
phase	0	F2 PROCESSING	
TRANSMITTER		sb	0.082
tn	H1	sbs	not used
sfrq	599.957	fn	2048
tof	-999.1	F1 PROCESSING	
tpwr	60	sb1	0.005
pw	10.500	sbs1	not used
DECOUPLER		fn1	2048
dn	C13	DISPLAY	
dof	2339.7	sp	115.3
dm	nnn	wp	3775.7
dmm	ccc	sp1	1184.3
dmf	14815	wp1	10839.8
dpwr	46	rfl	5629.5
pwkvl1	57	rfl	5231.6
pwk	19.000	rfl1	3018.8
HMBC		rfl1	0
j1xh	140.0	PLOT	
jnxh	8.0	wc	200.0
		sc	10.0
		wc2	210.0
		sc2	0
		vs	1651
		th	6
		nm	av

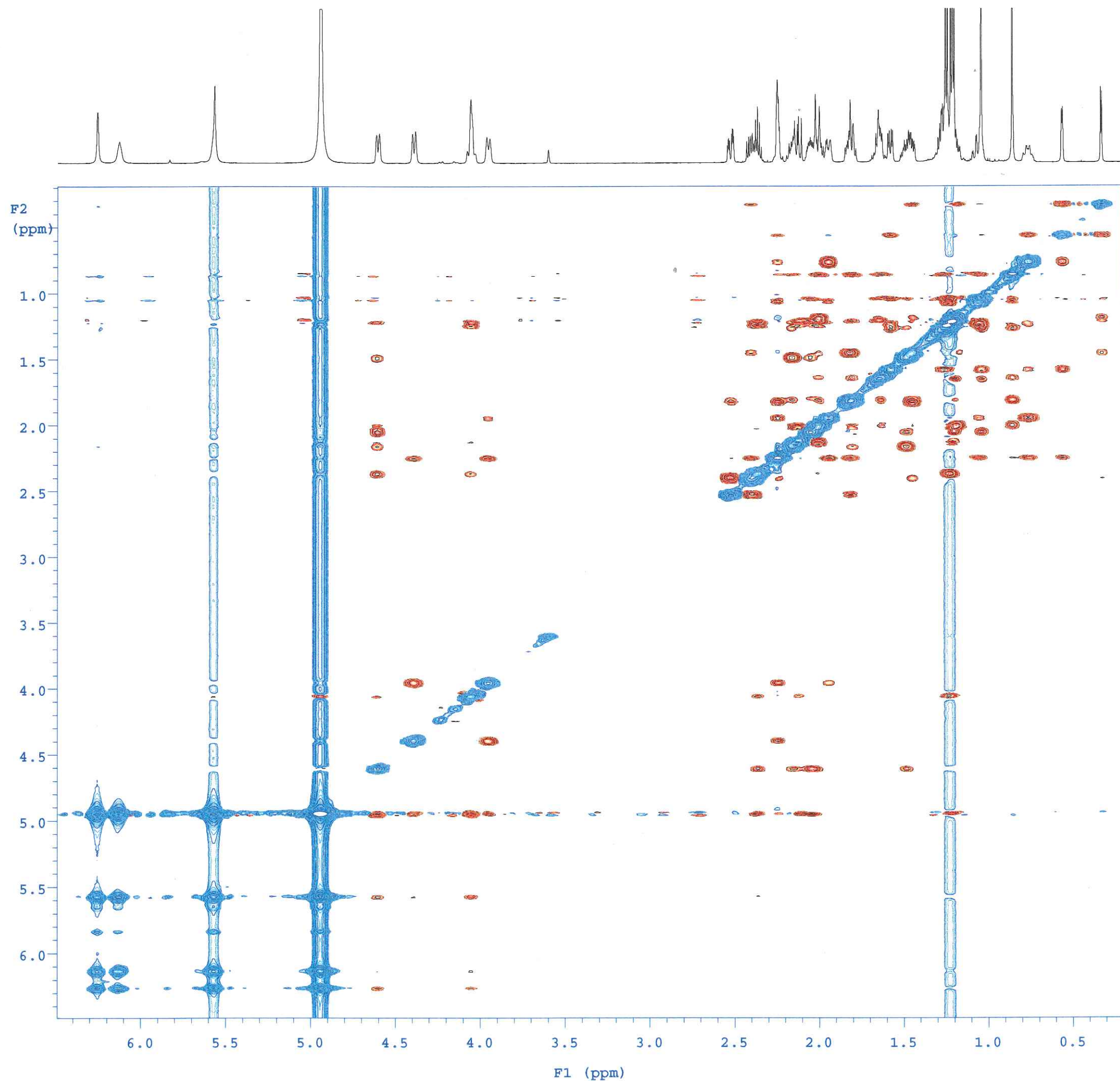


Compound 1a

Tani-48-54(33-40)

exp4 noesy

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Apr 27 2010	dfrq	599.958	array	phase
solvent	pyridine	dn	H1	arraydim	256
file	/export/home/~dpwr		30		
nmr1/vnmr2/data~	dof	0	i	phase	1
/shoull/tani485433~	dm	n	1		2
40_noesy.fid	dmm	c	2		
ACQUISITION					
sfrq	599.957	dseq			
tn	H1	dres	1.0		
at	0.164	homo	n		
np	2050	temp	25.0		
aw	6250.0	PROCESSING			
fb	not used	gf	0.076		
bs	4	gfs	not used		
ss	8	wtfile			
tpwr	60	proc	ft		
pw	10.5	fn	2048		
dl	1.500	math			
presat	0				
mix	1.100	werr			
tof	-999.1	wexp			
nt	16	wbs			
ct	16	wnt	wft		
alock	n	2D PROCESSING			
gain	26	gfl	0.019		
FLAGS					
il	n	wtfile1			
in	n	procl	lp		
dp	y	fnl	2048		
hs	yn				
sspul	n				
2D ACQUISITION					
sw1	6245.1				
ni	128				
phase	arrayed				
DISPLAY					
sp	115.3				
wp	3775.7				
vs	47756				
sc	10				
wc	270				
hzmm	14.00				
is	33.57				
rfl	5629.5				
rfp	5231.6				
th	2				
ins	100.000				
ai	ph				
2D DISPLAY					
sp1	114.9				
wp1	3778.8				
sc2	0				
wc2	210				
rfl1	5629.5				
rfl1	5231.6				

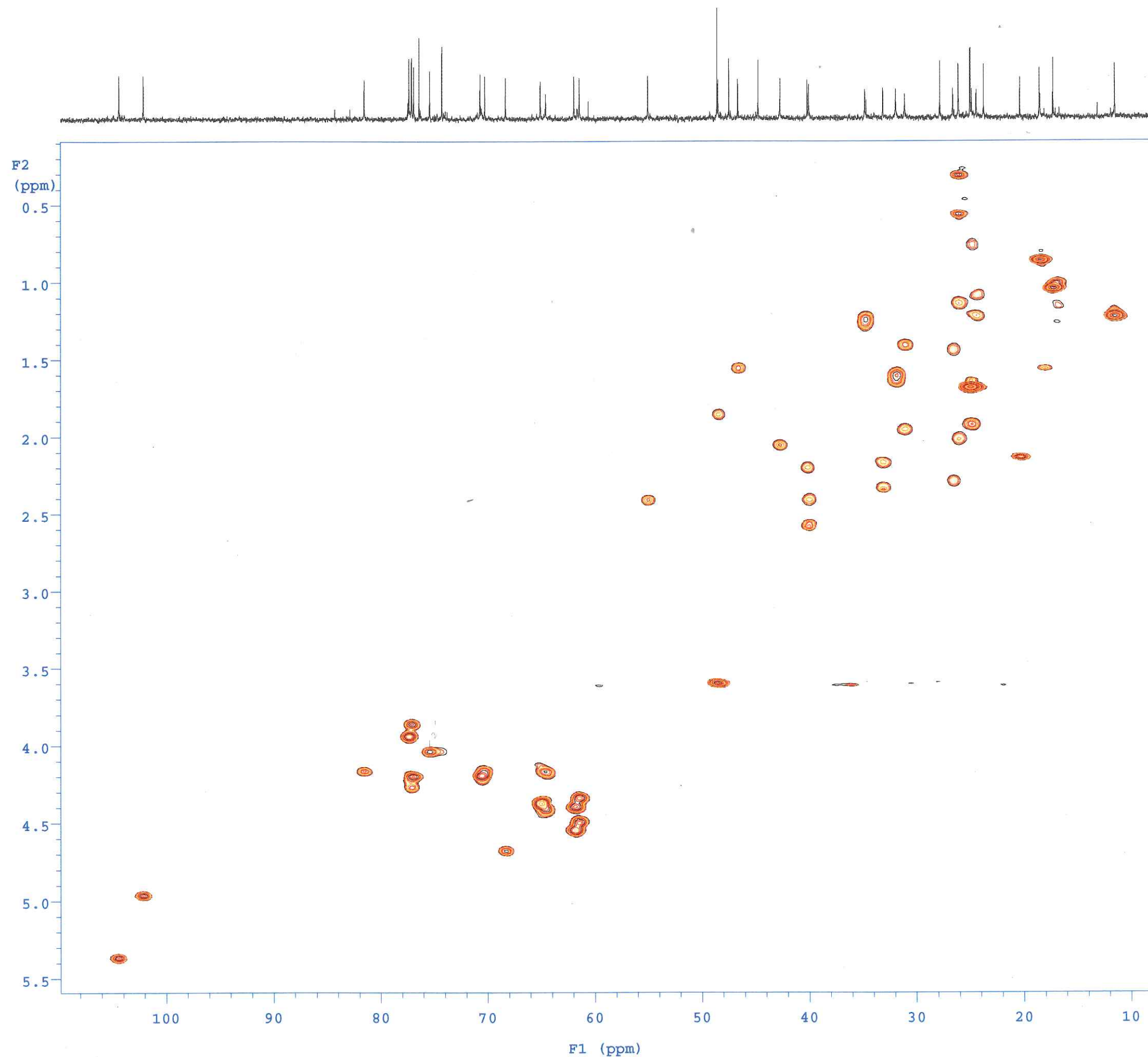


Compound 2

F26-30-8-9-10-38-56-60

exp5 hmqc

SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Jan 26 2011	dfrq	150.872	array	phase
solvent	pyridine	dn	C13	arraydim	256
file	/export/home/-	dpwr	38		
vnmr1/vnmrsys/data-	dof	-677.4	i	phase	
/shou25/E263089103-	dm	nny	1	1	
85660_hmqc.fid	dmm	ccp	2	2	
ACQUISITION					
sfrq	599.957	dacq	mpf7		
tn	H1	dres	1.0		
at	0.081	pwk	8.5		
np	1000	pwkvlv1	56		
aw	6172.4	homo	n		
fb	3000	temp	25.0		
bs	4	PROCESSING			
ss	8	gf	0.037		
tpwr	60	gfs	not used		
pw	22.0	wtfile			
dl	0.900	proc	ft		
tof	-999.1	fn	2048		
nt	16	math	f		
ct	8				
alock	n	werr			
gain	36	wexp			
null	0.300	wbs			
j	150.0	wnt			
mbond	n	2D PROCESSING			
taumb	0	gfl	0.004		
satflg	nn	gfs1	not used		
satpwr	0	wtfile1			
satdly	0	procl	1p		
satfrq	0	fn1	2048		
FLAGS					
il	Y				
in	n				
dp	Y				
hs	YY				
2D ACQUISITION					
sw1	31680.4				
ni	128				
phase	arrayed				
DISPLAY					
sp	55.3				
wp	3297.2				
vs	2457				
sc	10				
wc	270				
hzmm	12.22				
is	33.57				
rfl	5592.2				
rflp	5231.6				
th	3				
ins	100.000				
ai	ph				
2D DISPLAY					
sp1	1190.4				
wp1	15376.1				
sc2	0				
wc2	210				
rfl1	3017.2				
rflp1	0				

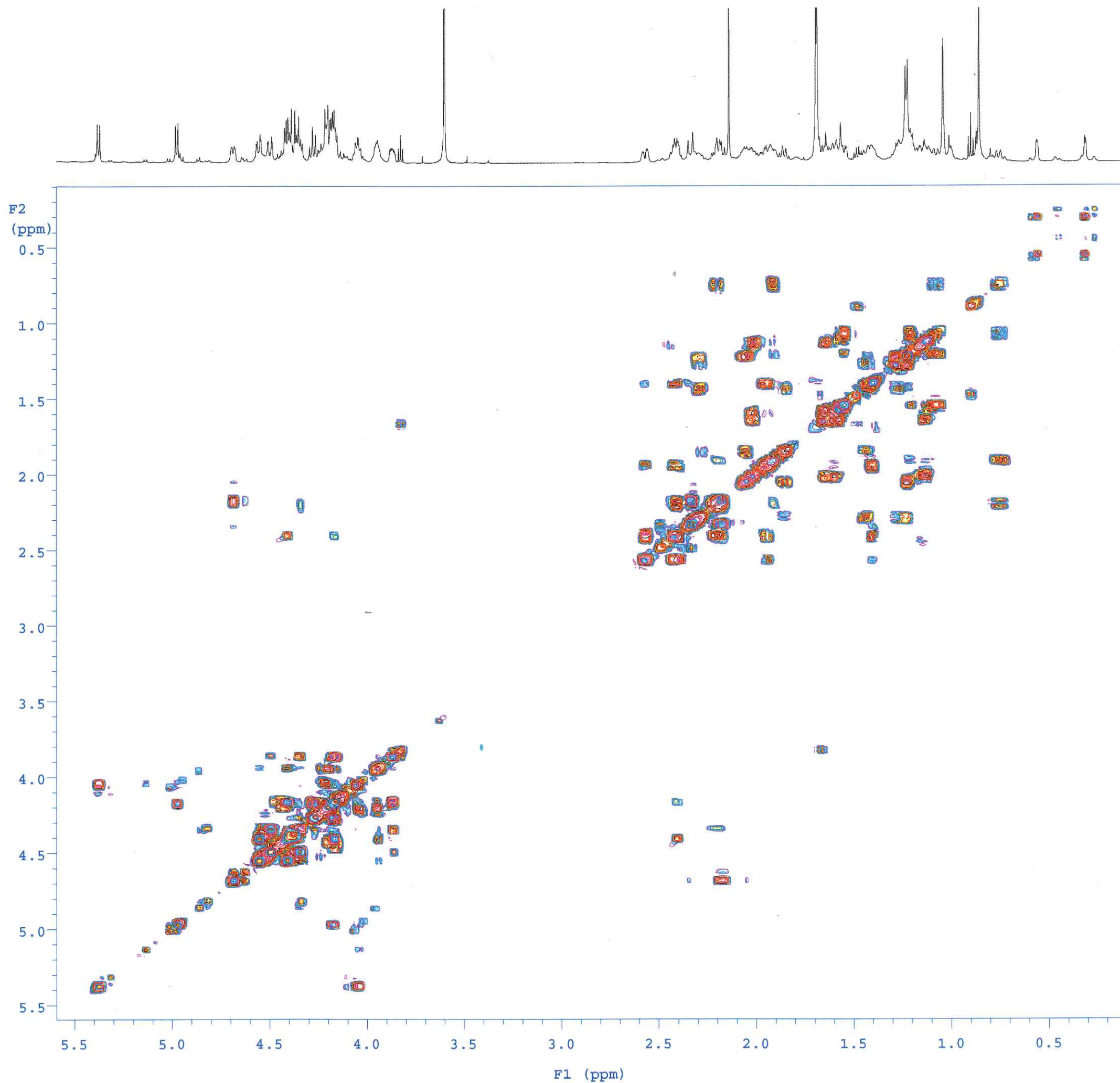


Compound 2

F26-30-8-9-10-38-56-60

exp3 gmqcosy

```
SAMPLE          DEC. & VT
date  Jan 25 2011  dfrq  599.958
solvent pyridine  dn      H1
file  /export/home/~ dpwr   30
vnmr1/vnmrsys/data~ dof    0
/shou25/F263089103~ dm     nnn
85660_gmqcosy.fid  dmm     c
ACQUISITION      homo     n
sfrq  599.958  temp  25.0
tn      H1      GRADIENTS
at      0.156  qlvl  2
np      2048  gzlvl1 10000
sw      6550.9  gtl  0.002500
fb      4000  grise  0.000010
bs      4  gstab  0
ss      2  taud2  0
tpwr    61  taul  0
pw      10.9  PRESATURATION
dl      1.500  satpwr  0
d2      0  satdly  0
tof     -869.1  PROCESSING
nt      1  sb      0.078
ct      1  sbs     not used
gain    4  proc     ft
        FLAGS      fn      2048
dp      Y
hs      nn  werr
2D ACQUISITION  wexp
swl     6550.9  wbs
ni      256  wnt      wit
phase   1  2D PROCESSING
        DISPLAY    sbl      0.019
sp      59.7  sbs1     not used
wp      3294.7  procl    ft
vs      1148  fnl      2048
sc      10
wc      270
rf1     5651.7
rfp     5231.6
th      4
ins     100.000
ai      av
2D DISPLAY
sp1     59.7
wp1     3294.7
sc2     0
wc2     210
rf11    5651.7
rfp1    5231.6
```

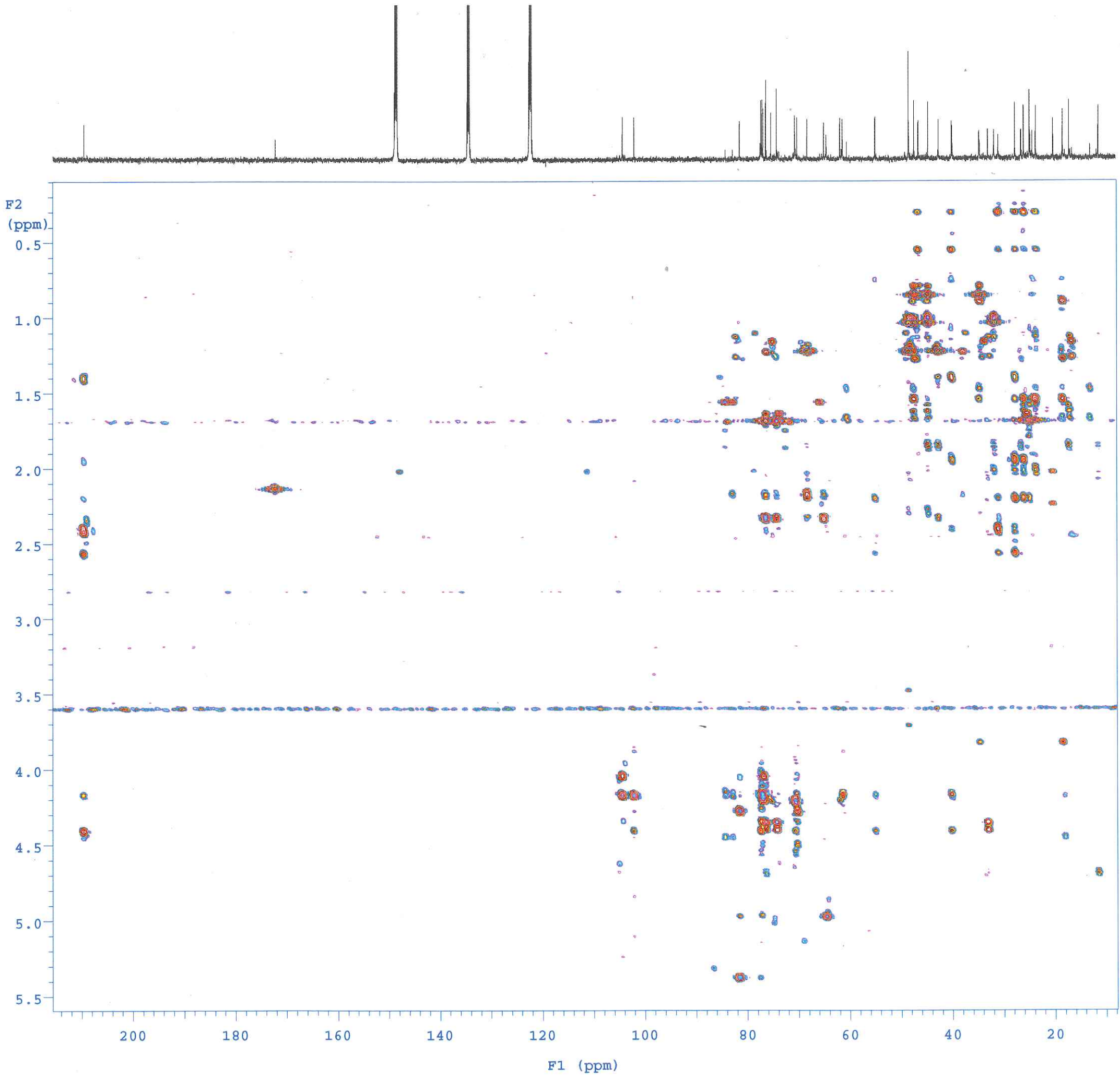


Compound 2

F26-30-8-9-10-38-56-60

exp6 gHMBC

SAMPLE		FLAGS	
date	Jan 25 2011	hs	n
solvent	pyridine	aspul	n
sample	undefined	PFGflg	y
ACQUISITION		hsq1v1	10256
sw	6550.9	SPECIAL	
at	0.156	temp	25.0
np	2048	gain	60
fb	4000	spin	0
ss	32	GRADIENTS	
d1	1.000	gz1v11	10256
nt	64	gt1	0.001000
2D ACQUISITION		gz1v13	5128
sw1	37718.1	gt3	0.001000
ni	400	gstab	0.000500
phase	0	F2 PROCESSING	
TRANSMITTER		sb	0.078
tn	H1	sbs	not used
sfrq	599.958	fn	2048
tof	-869.1	F1 PROCESSING	
tpwr	61	sbl	0.005
pw	10.900	sba1	not used
DECOUPLER		fn1	2048
dn	C13	DISPLAY	
dof	2339.7	sp	59.7
dm	nnn	wp	3294.7
dmm	ccc	sp1	1180.2
dmf	14815	wp1	31345.8
dpwr	46	rfl	5651.7
pwk1v1	57	r1p	5231.6
pwk	16.300	rfl1	3018.8
HMBC		r1p1	0
j1xh	140.0	PLOT	
jnxh	8.0	wc	270.0
		sc	10.0
		wc2	210.0
		sc2	0
		vs	2457
		th	6
		ai	av

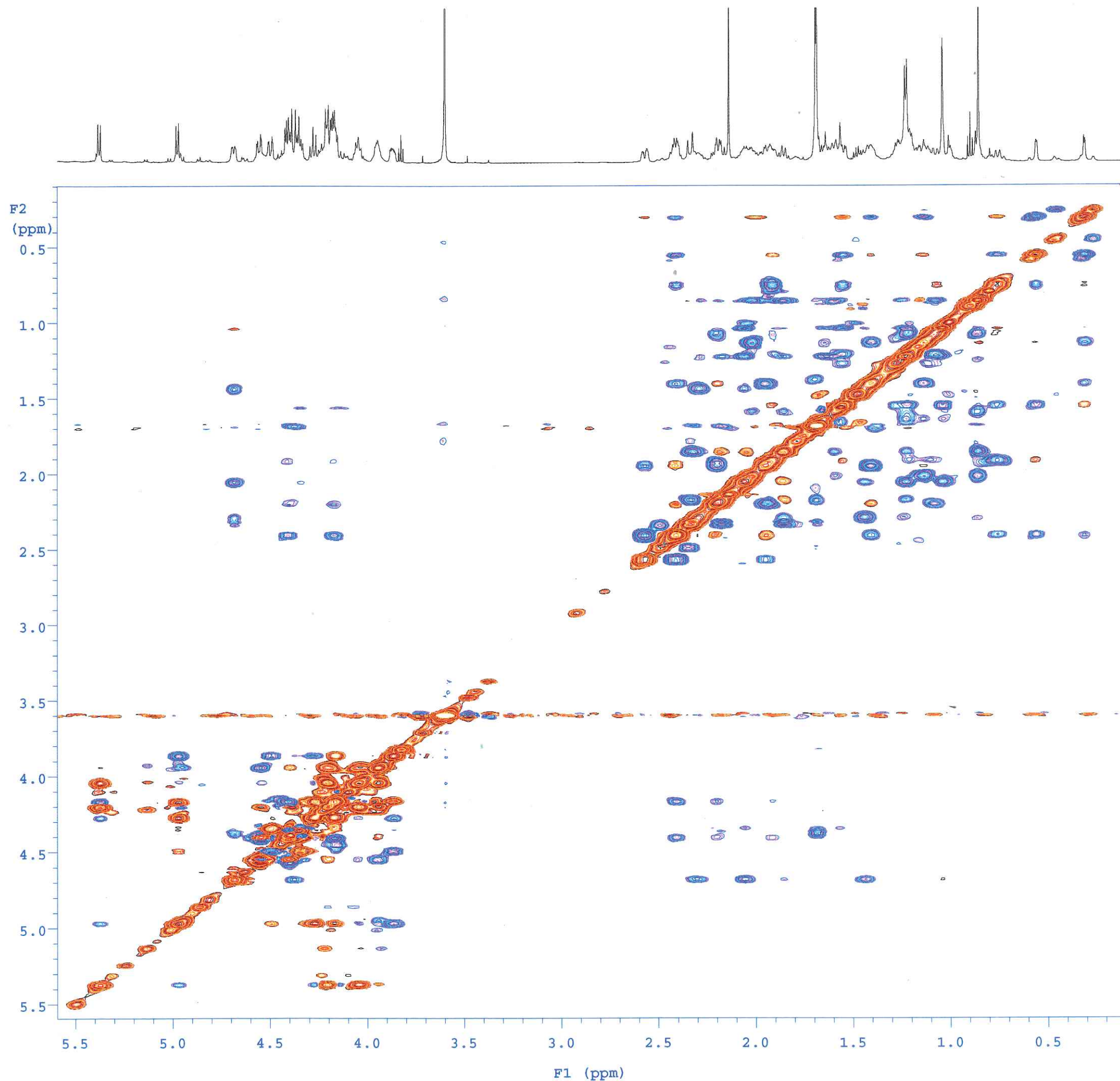


Compound 2

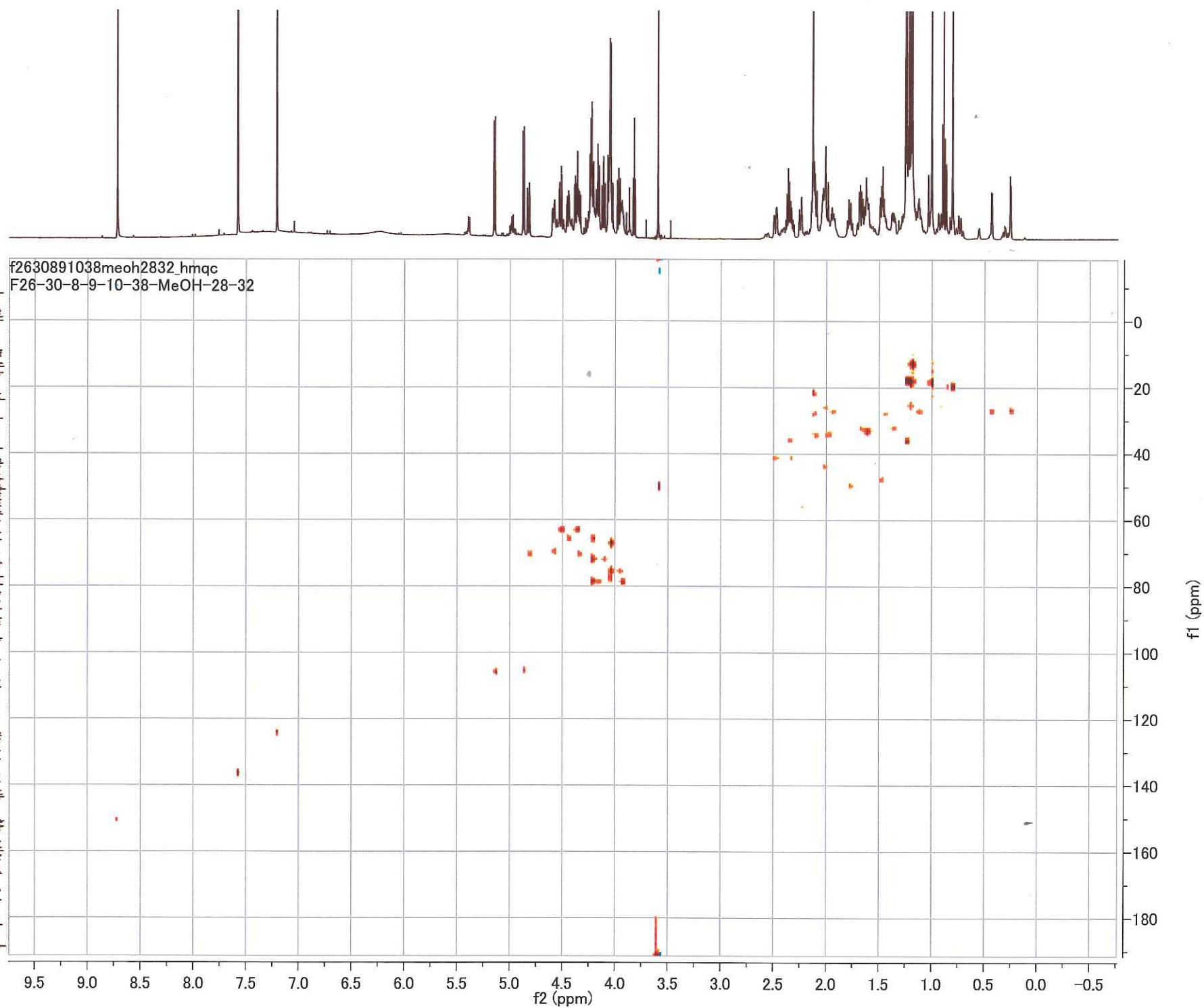
F26-30-8-9-10-38-56-60

exp4 roesy

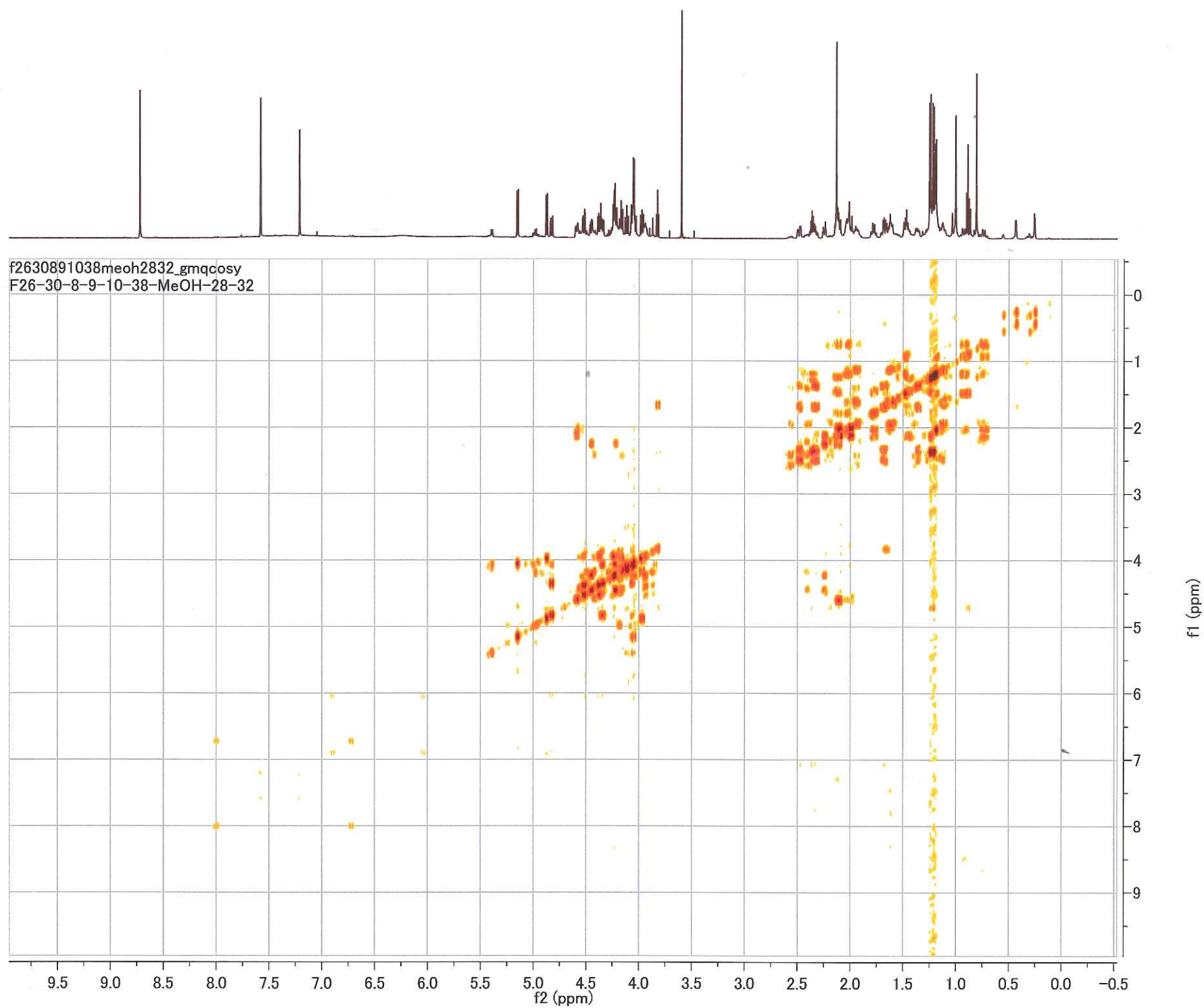
SAMPLE		DEC. & VT		ACQUISITION ARRAYS	
date	Jan 25 2011	dfrq	599.958	array	phase
solvent	pyridine	dn	H1	arraydim	256
file	/export/home/~	dpwr	30		
vnmr1/vnmrsys/data-	dof	0		i	phase
/shou25/F263089103-	dm	nnn	1	1	1
85660 roesy.fid	dmm	c	2	2	2
ACQUISITION					
sfrq	599.958	dseq			
tn	H1	dres	1.0		
at	0.156	homo	n		
np	2048	temp	25.0		
aw	6550.9	PROCESSING			
fb	4000	gf	0.072		
ba	4	gfs	not used		
as	8	wtfile			
tpwr	61	proc	ft		
pw	3.6	fn	2048		
pl	10.9	math	f		
dl	1.500				
presat	0	werr			
tof	-869.1	wexp			
ratio	3.0	wbs			
mix	0.600	wnt	wft		
nt	16	2D PROCESSING			
ct	8	gfl	0.018		
alock	n	gfs1	not used		
gain	4	wtfile1			
FLAGS		procl	lp		
il	Y	fn1	2048		
in	n				
dp	Y				
hs	yn				
espul	Y				
rocomp	n				
2D ACQUISITION					
sw1	6550.9				
ni	128				
phase	arrayed				
DISPLAY					
sp	59.7				
wp	3294.7				
vs	100				
sc	10				
wc	270				
hzmm	12.22				
is	33.57				
rfl	5651.7				
rfp	5231.6				
th	2				
ins	100.000				
ai	ph				
2D DISPLAY					
sp1	59.7				
wp1	3294.7				
sc2	0				
wc2	210				
rfl1	5651.7				
rfl1	5231.6				



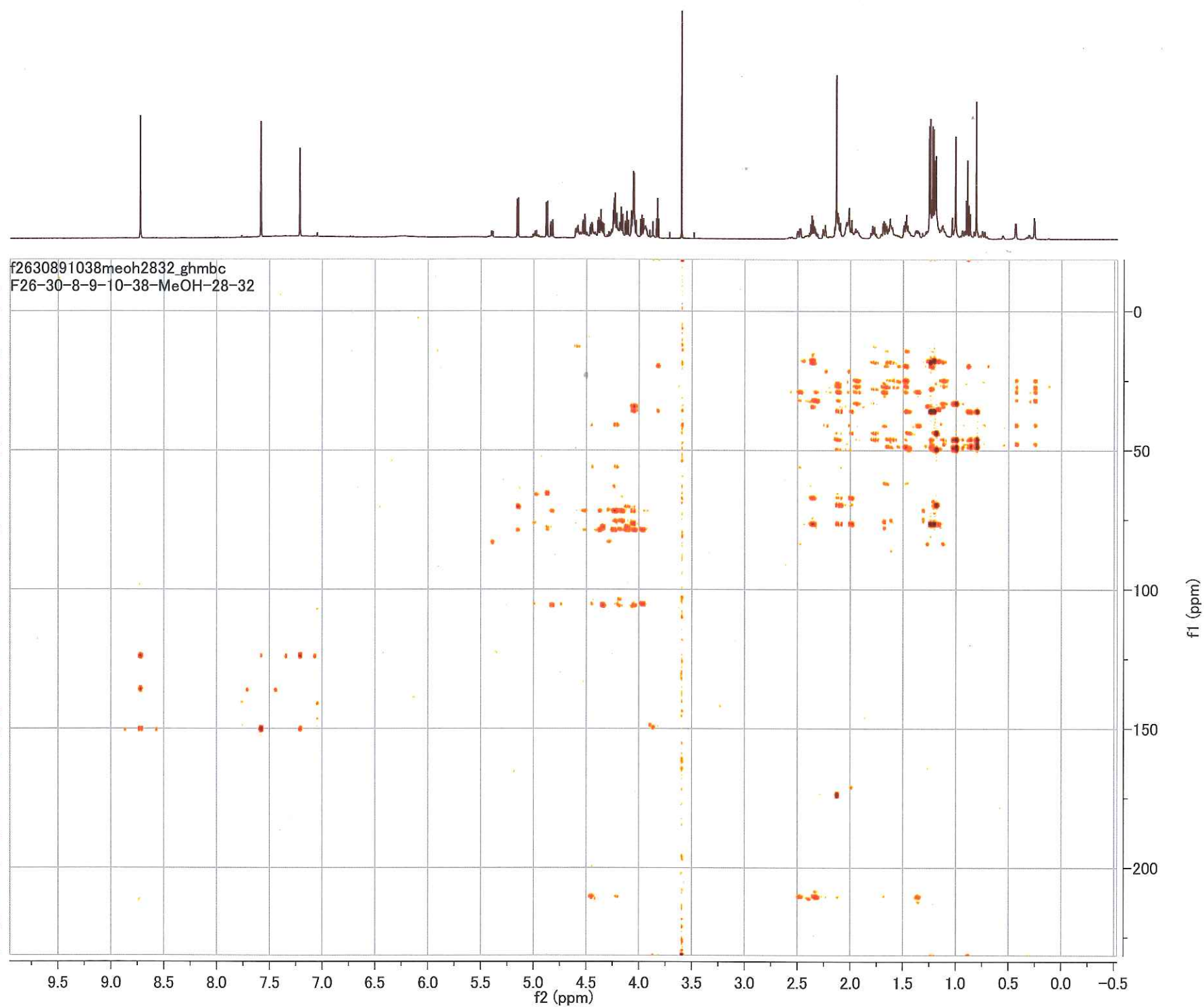
Compound 3 HMQC



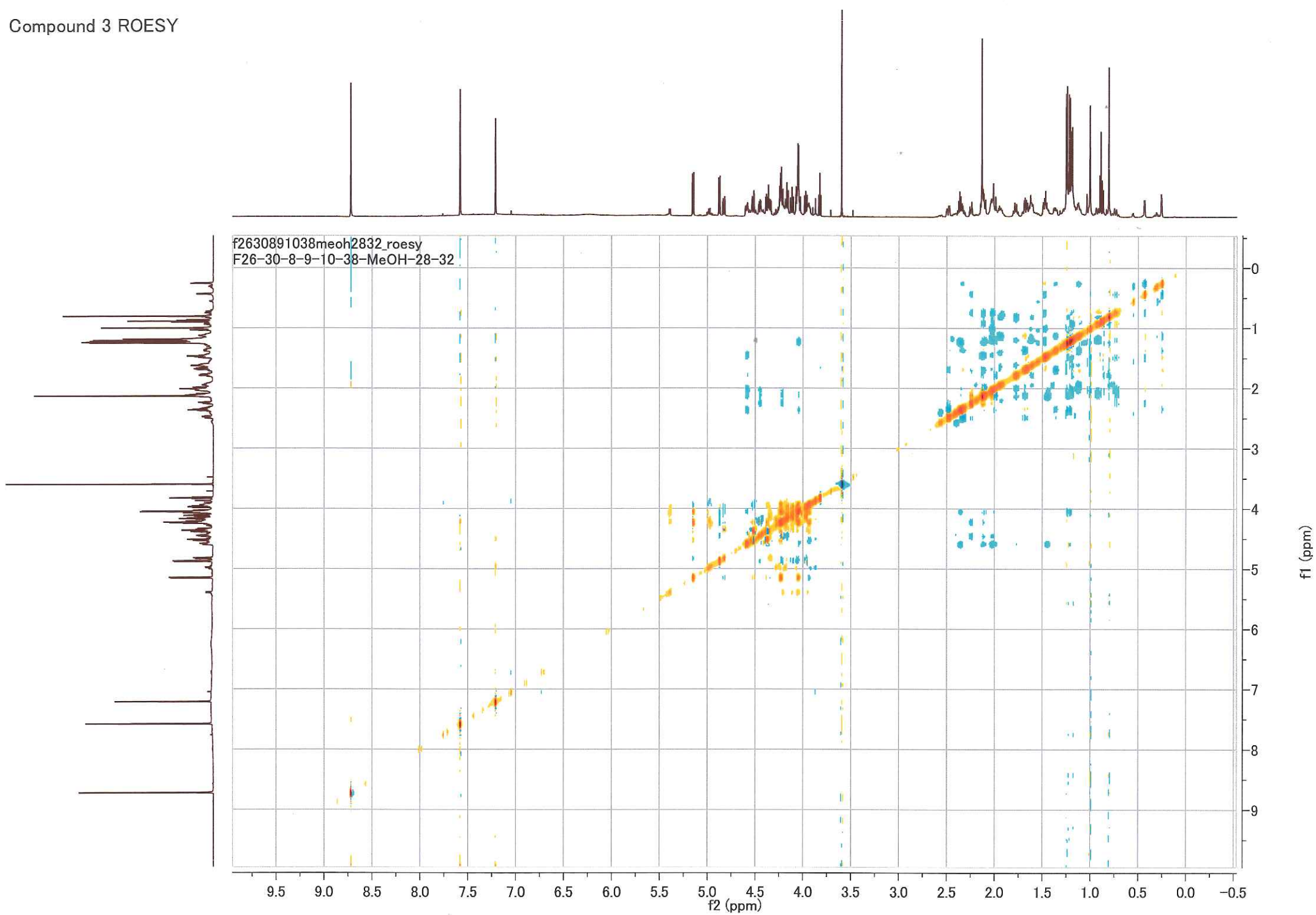
Compound 3 COSY



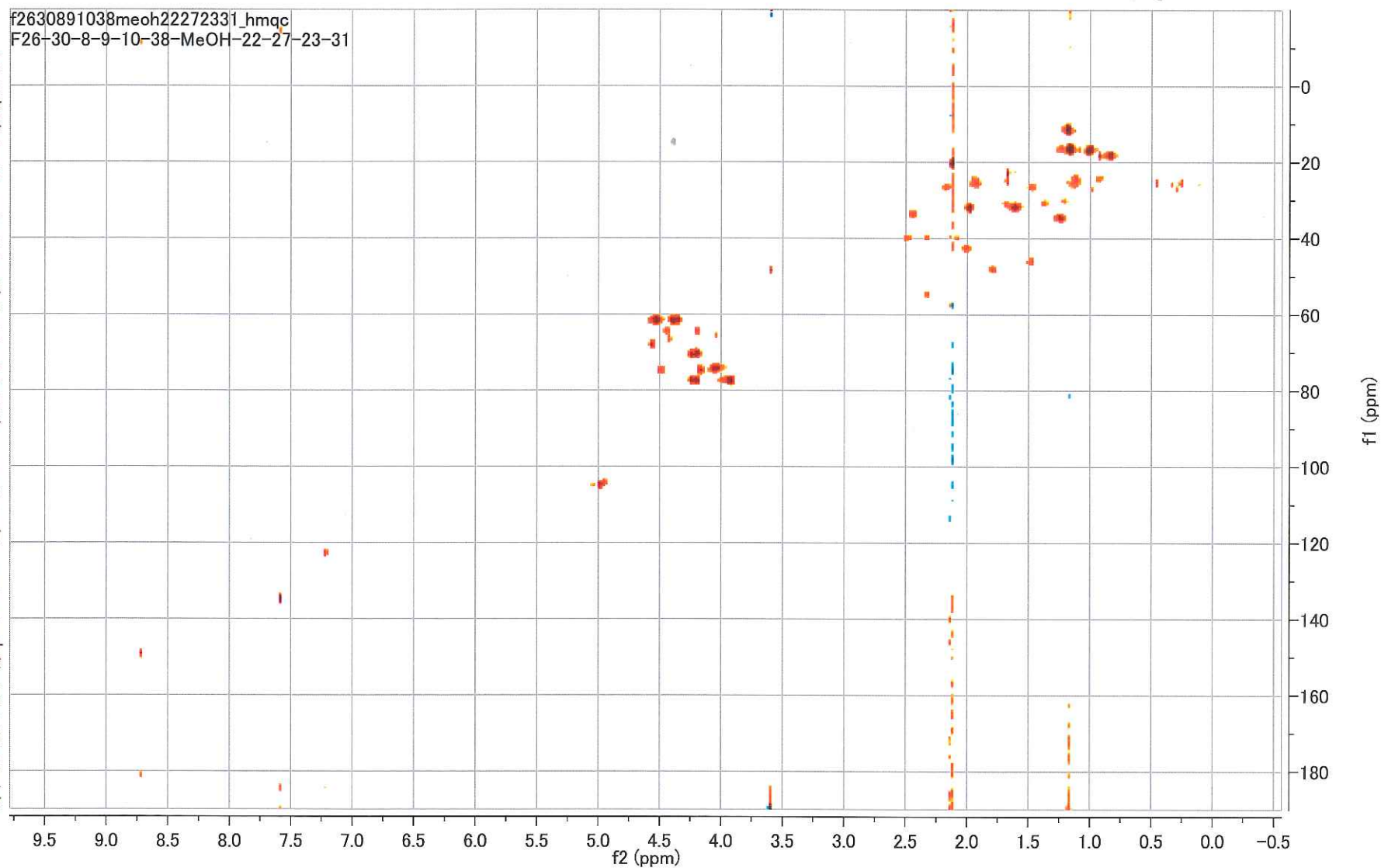
Compound 3 HMBC



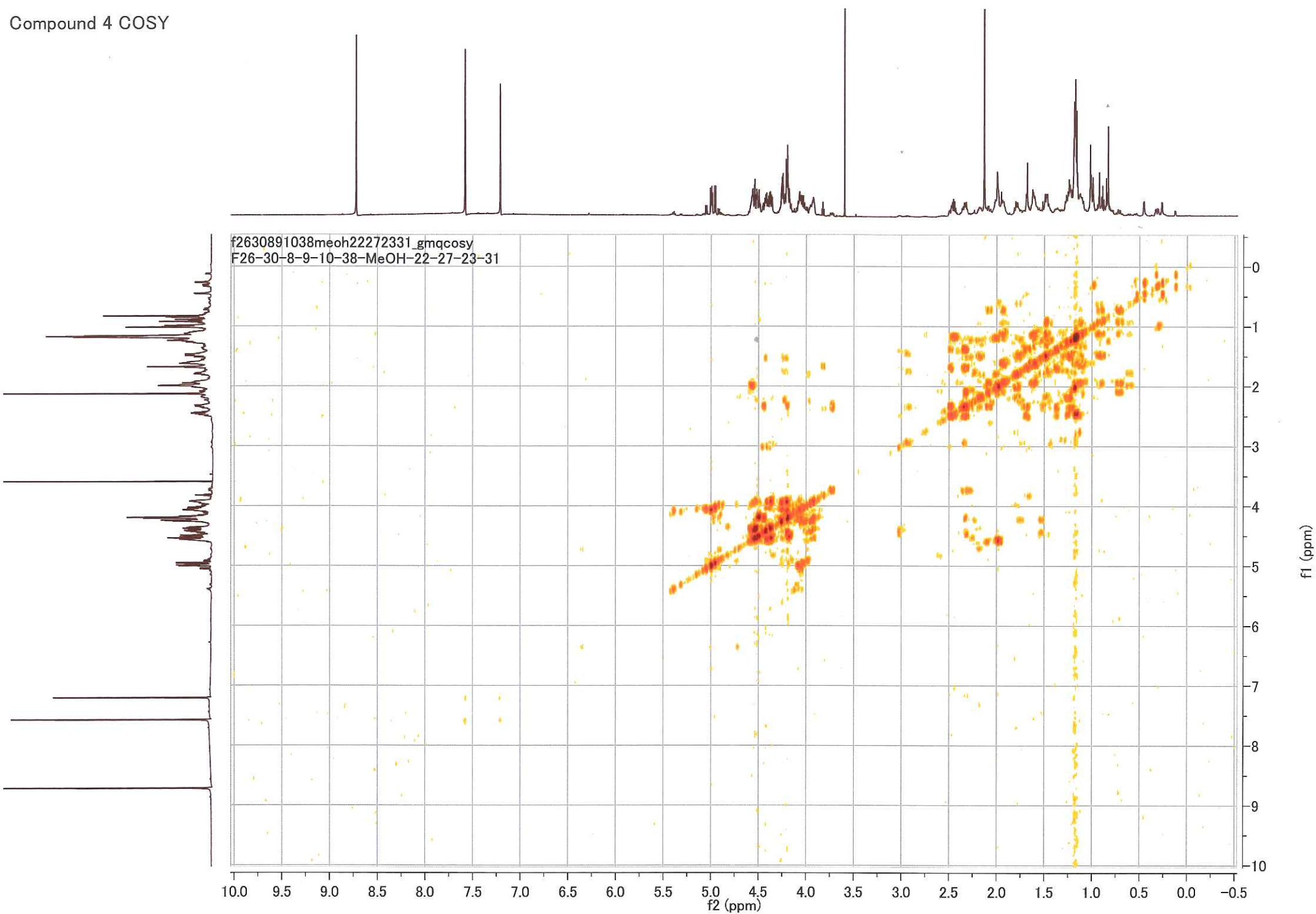
Compound 3 ROESY



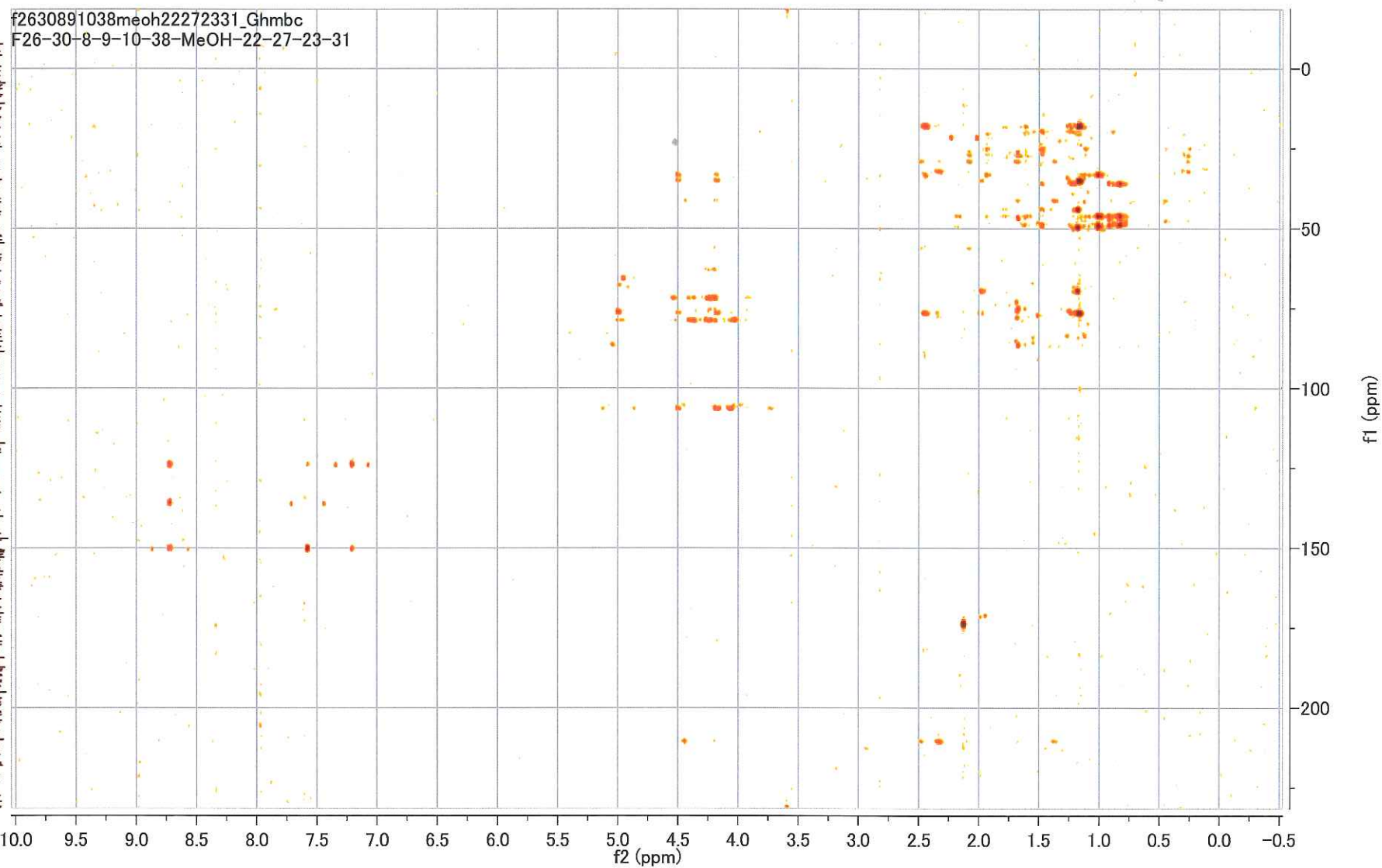
Compound 4 HMQC



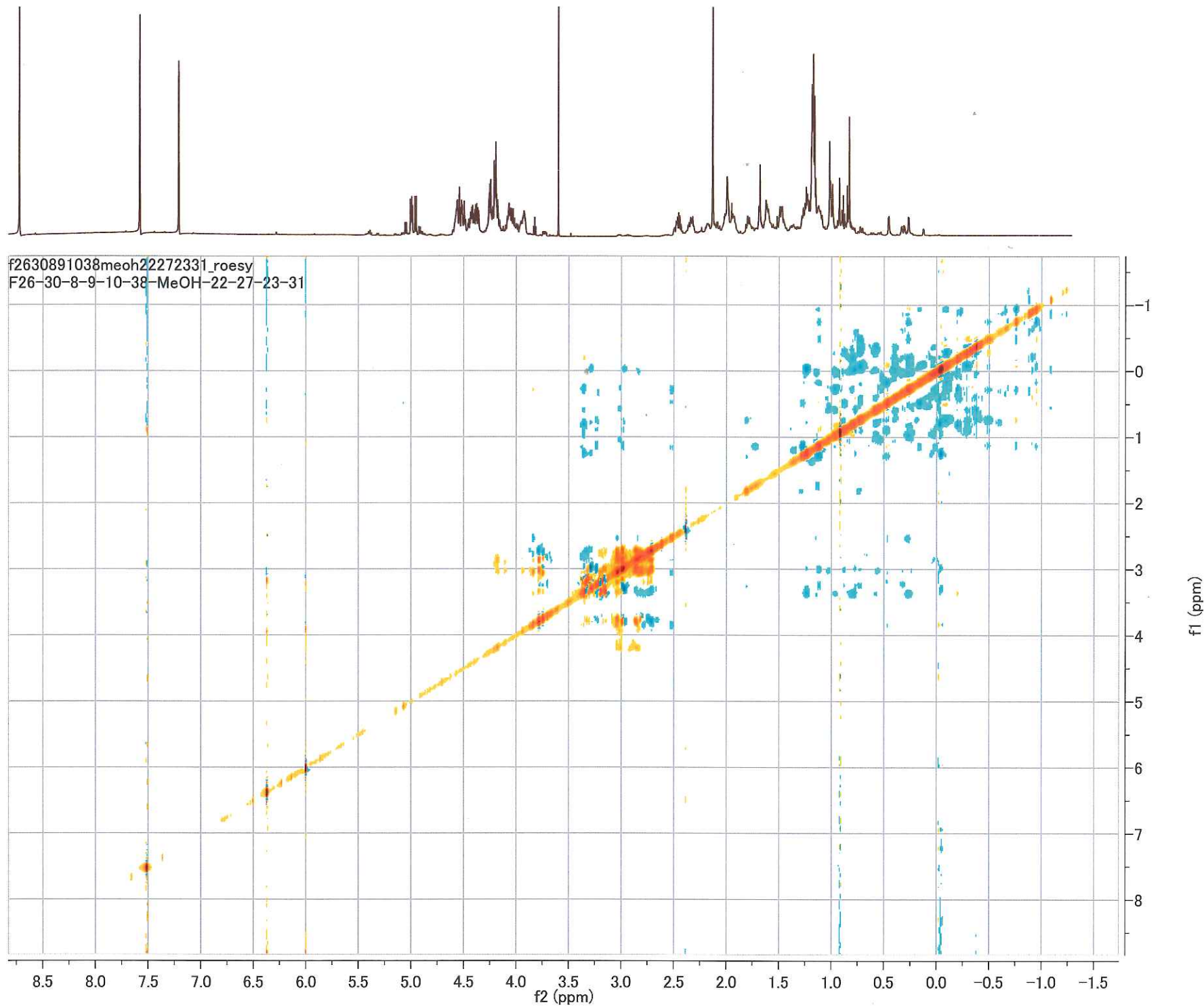
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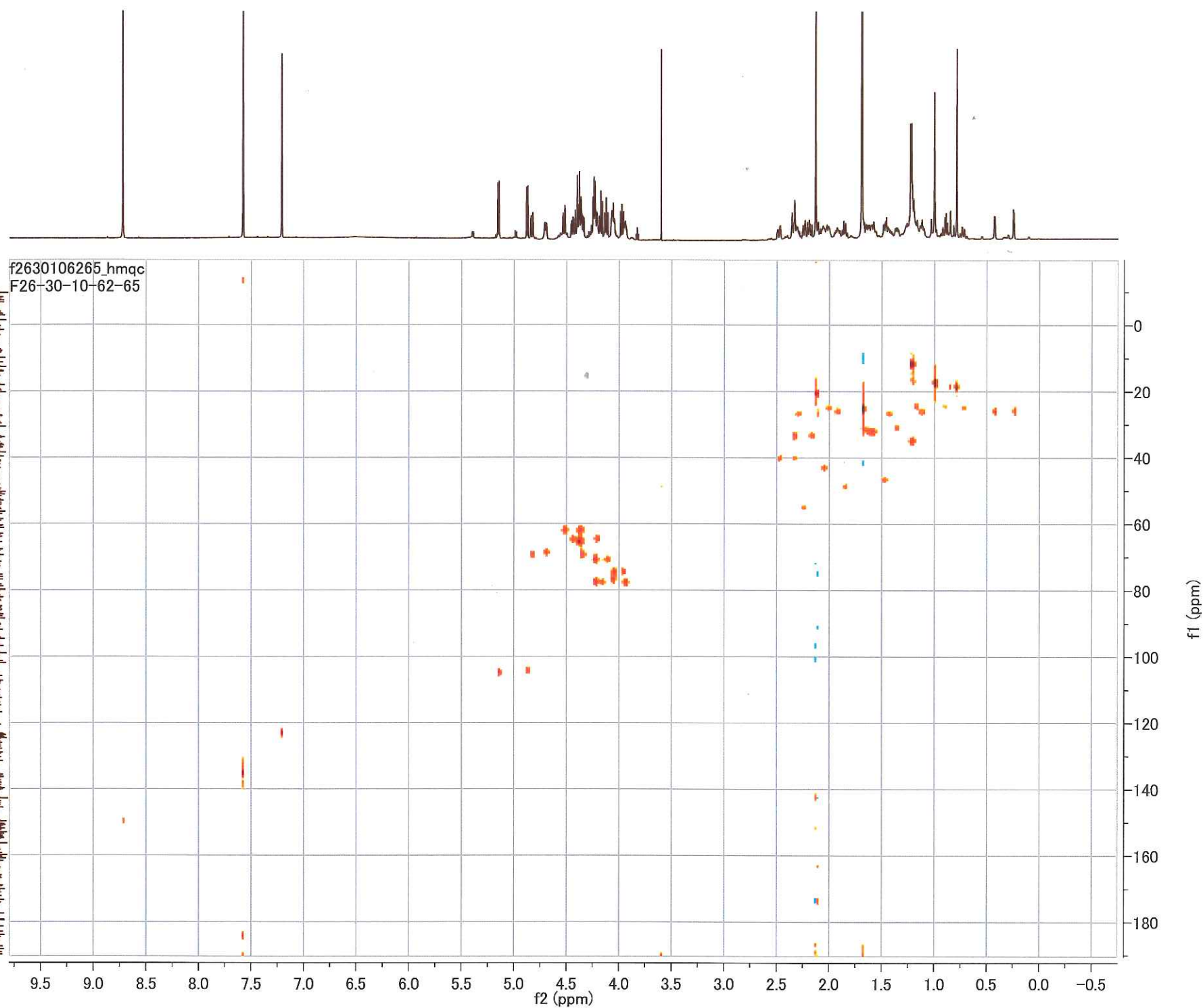
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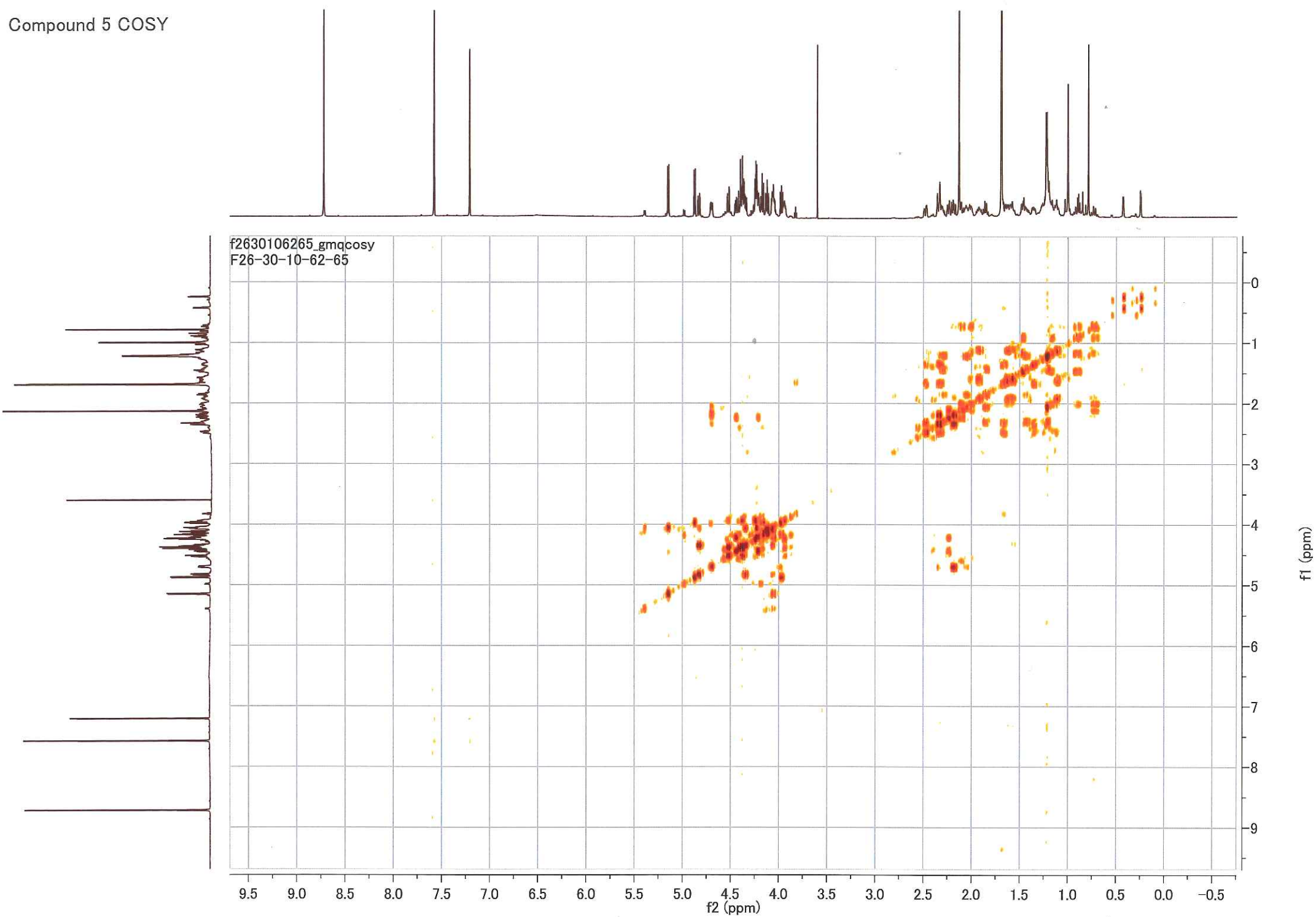
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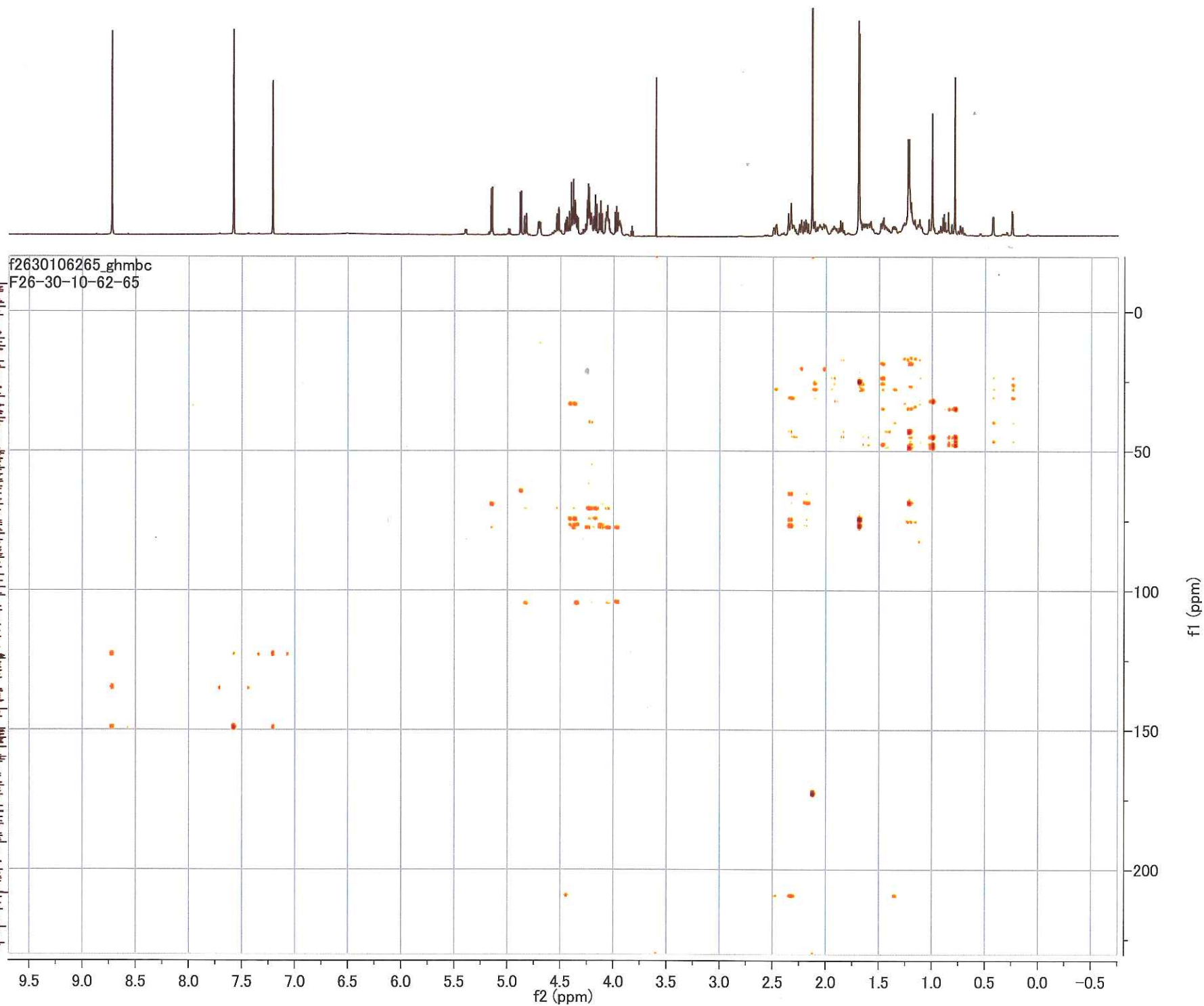
Compound 5 HMQC



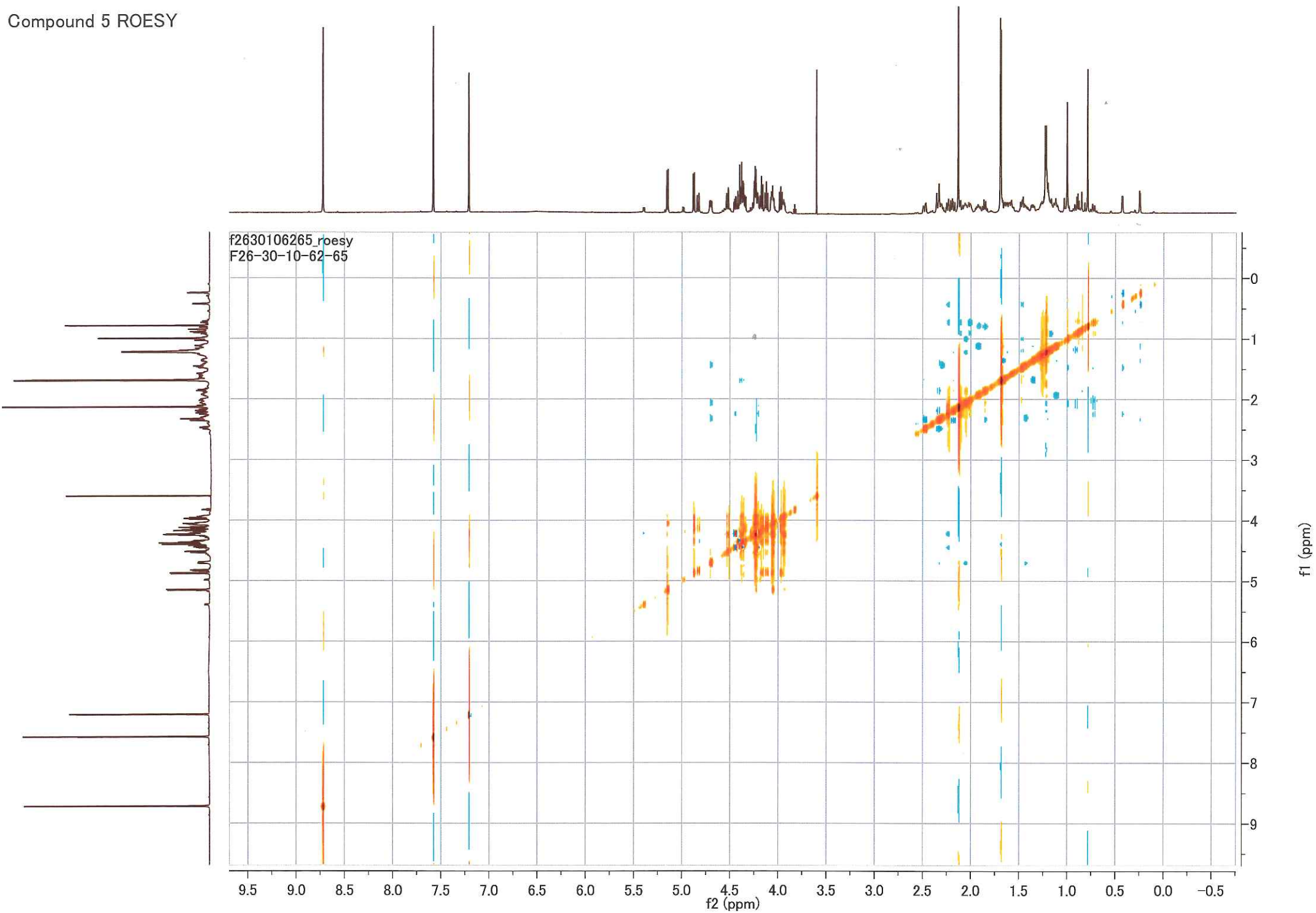
Compound 5 COSY



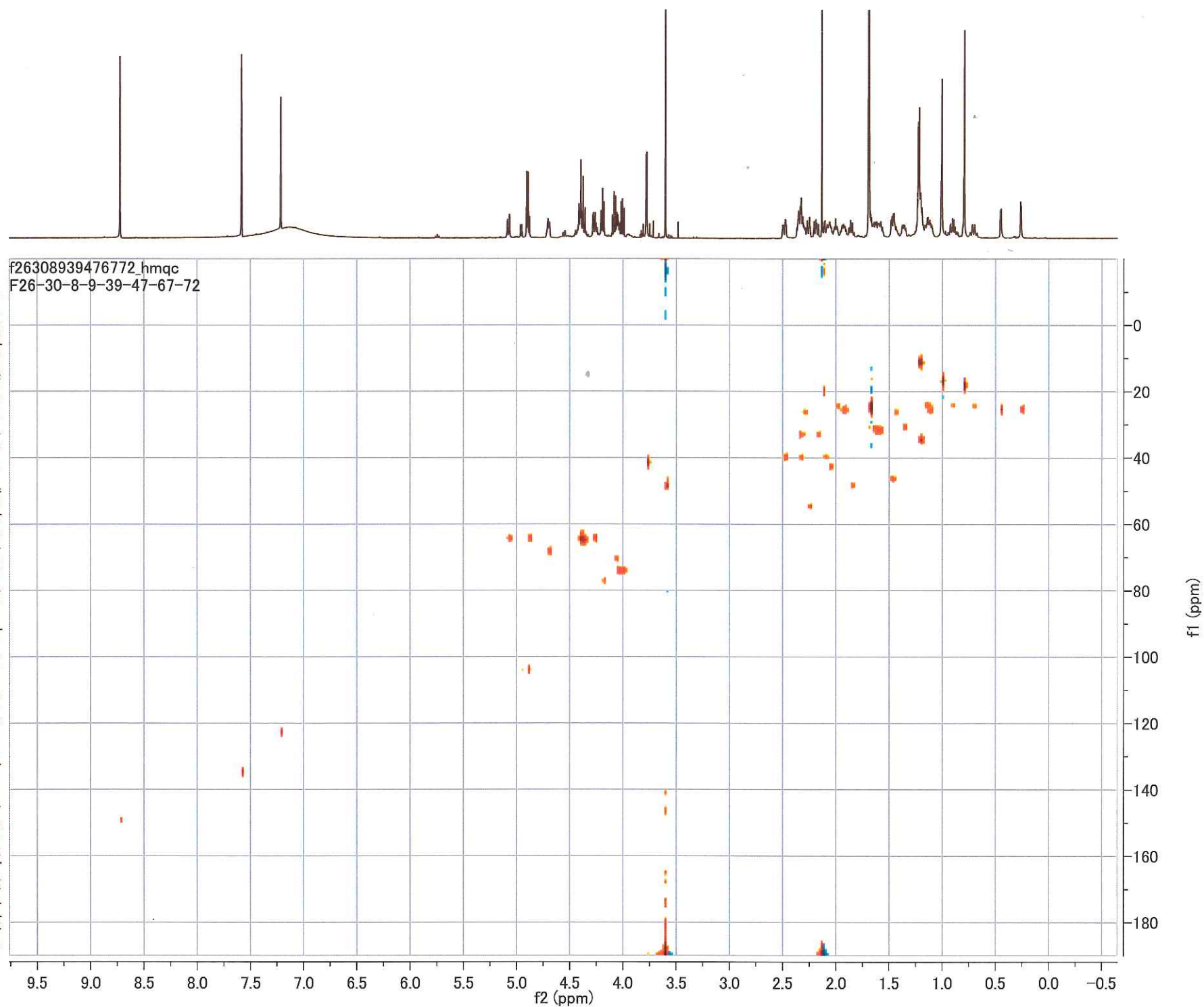
Compound 5 HMBC



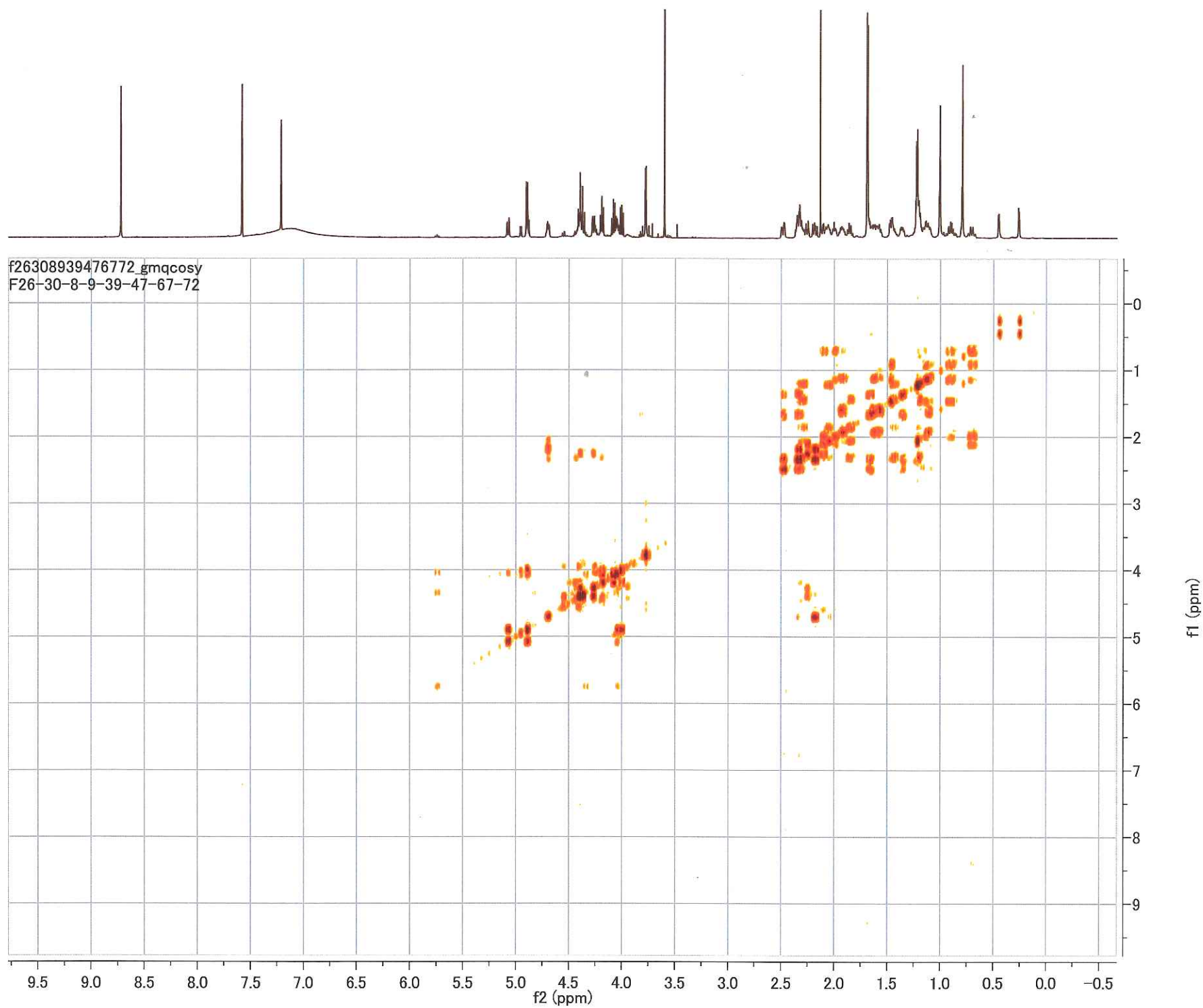
Compound 5 ROESY



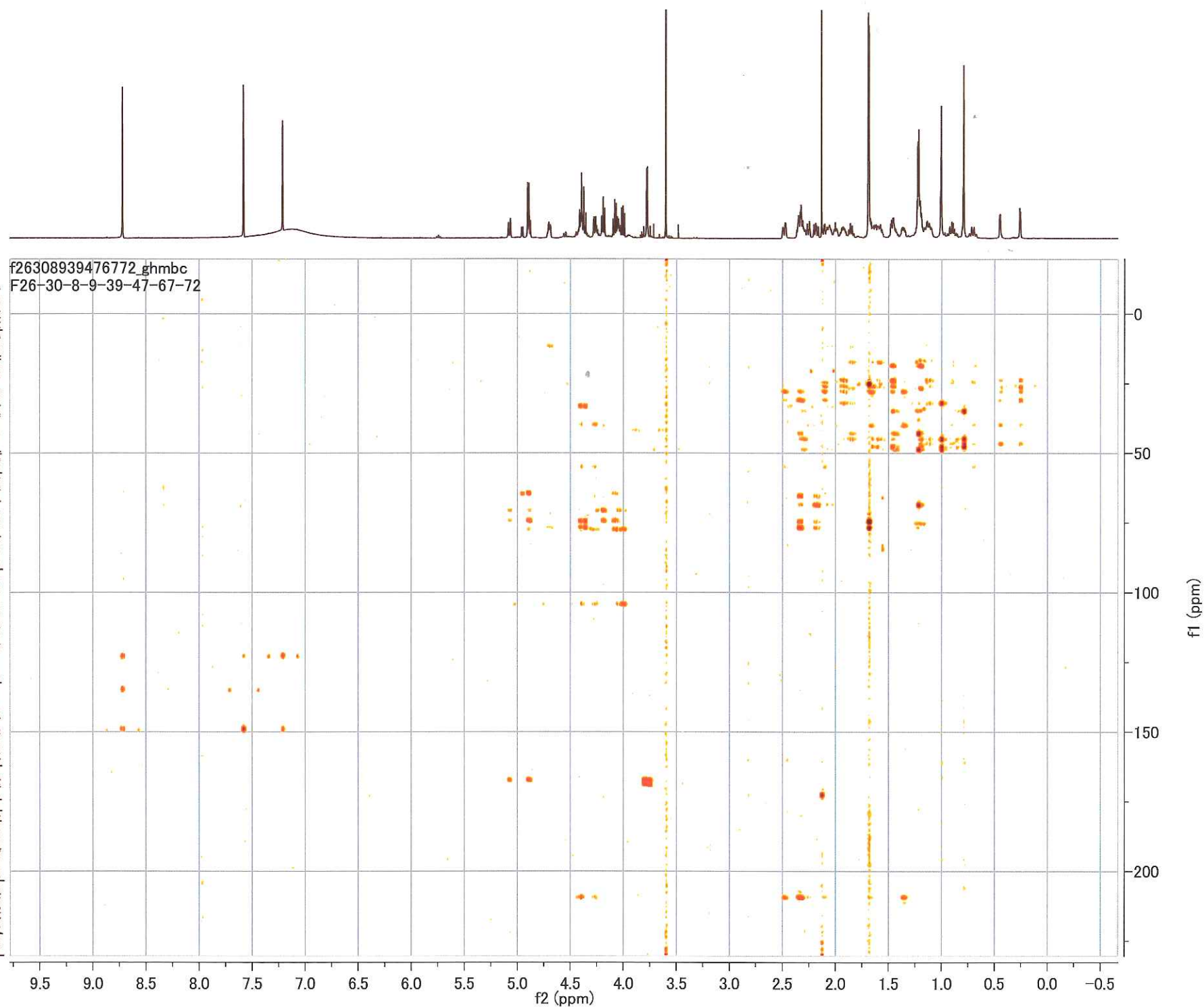
Compound 6 HMQC



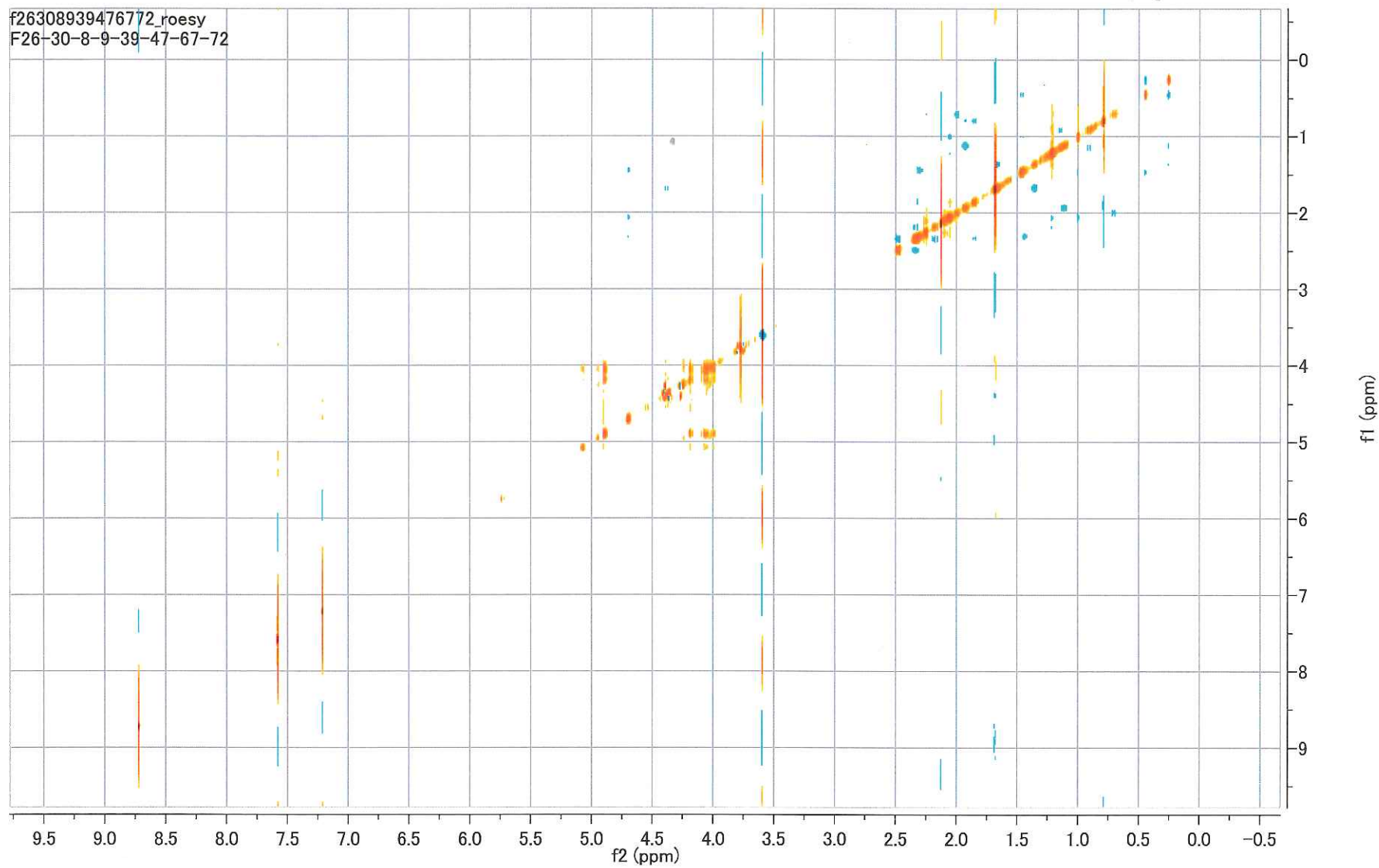
Compound 6 COSY



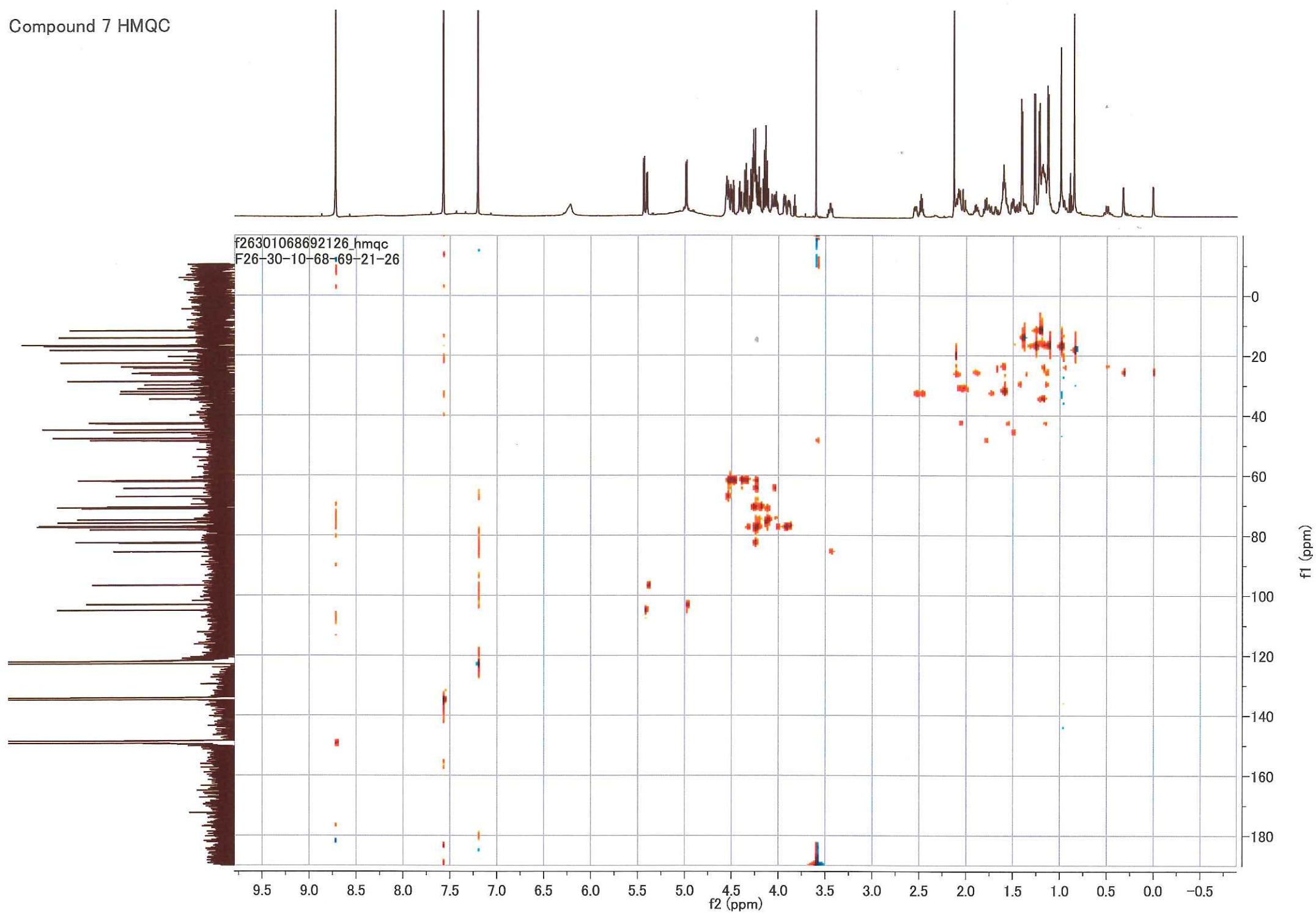
Compound 6 HMBC



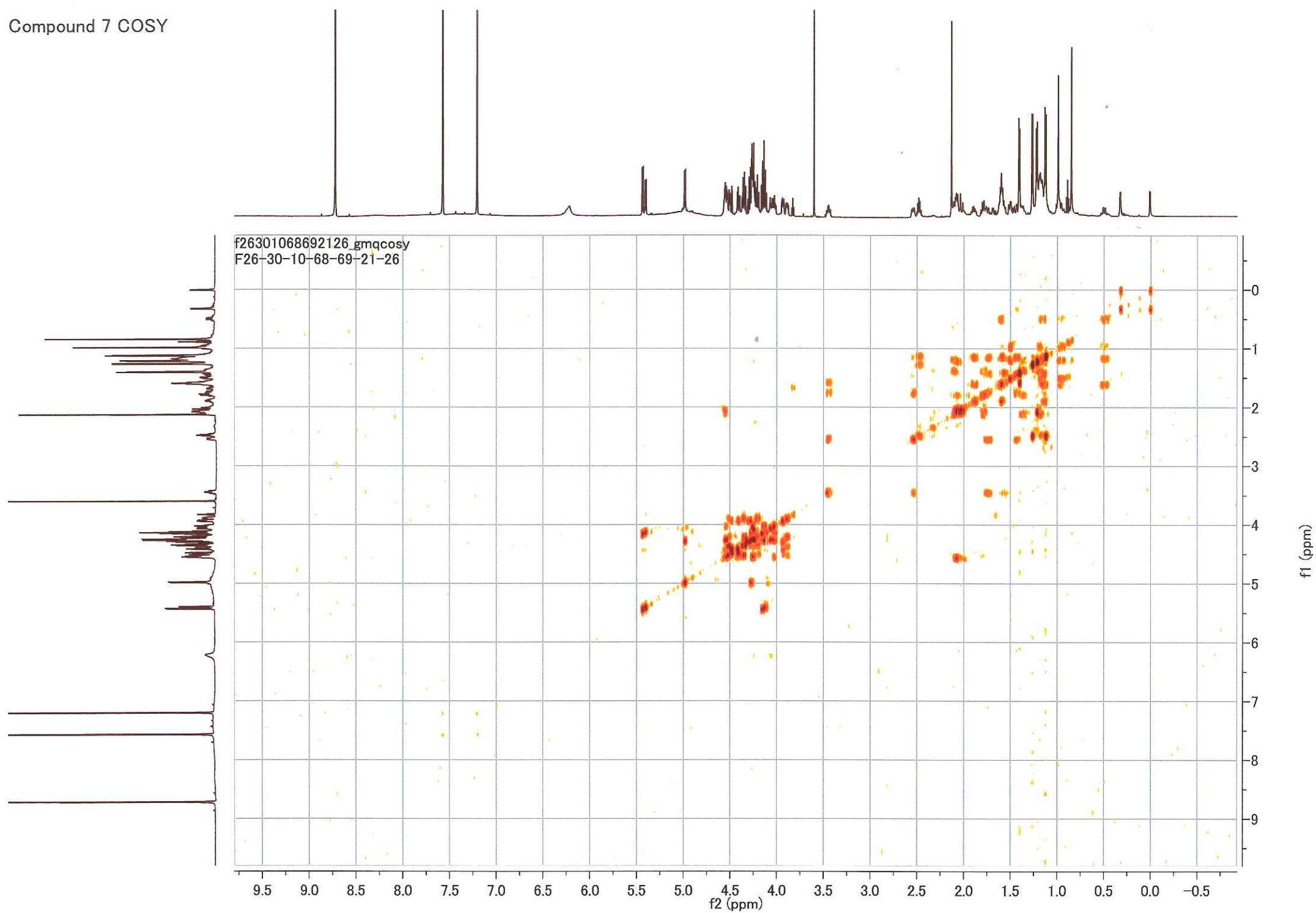
Compound 6 ROESY



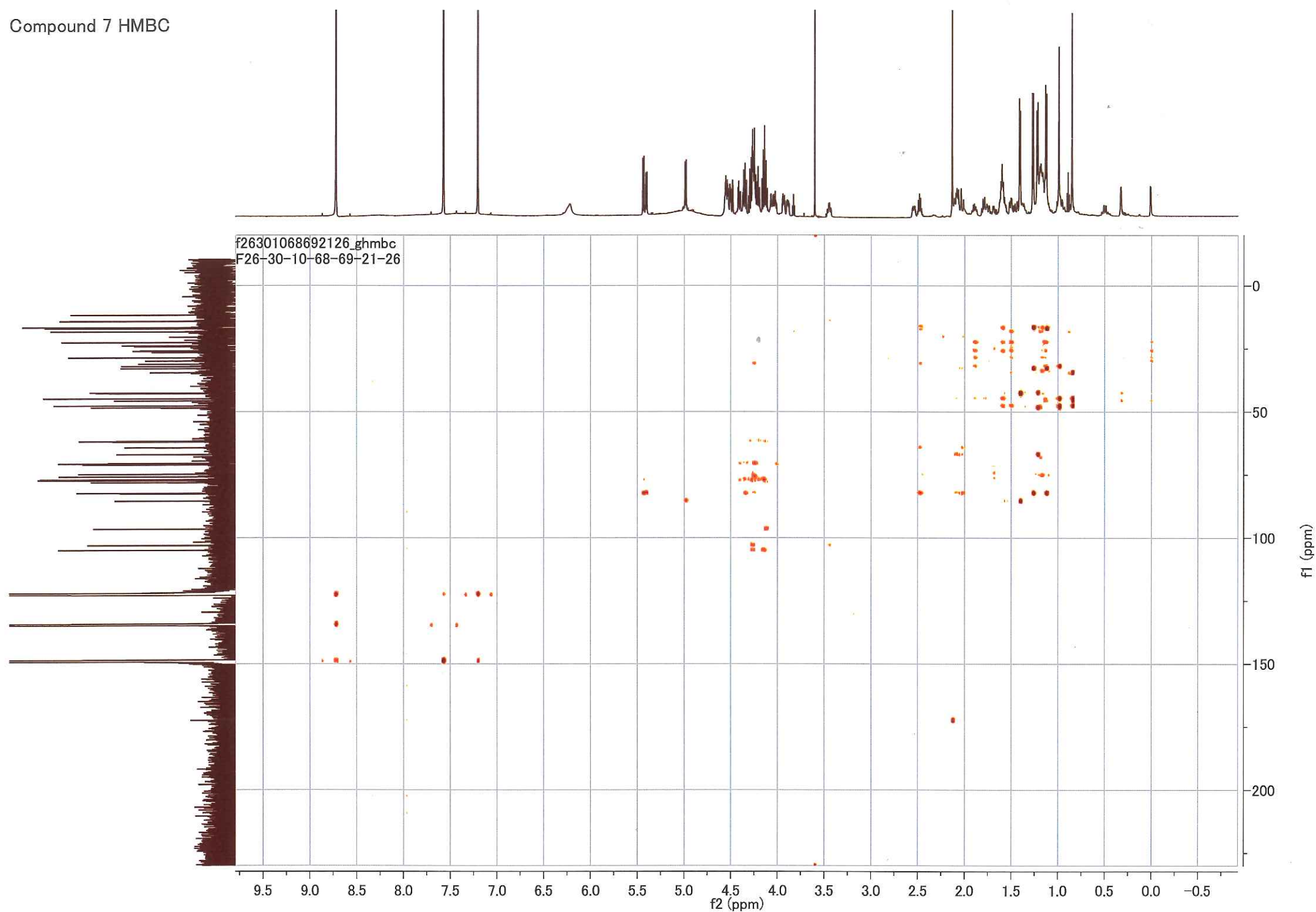
Compound 7 HMQC



Compound 7 COSY



Compound 7 HMBC



Compound 7 ROESY

